96F SM (G657A1 NOVA) Multitube Single Sheath Armor Lite Optical Fibre Cable

		PRODUCT			
Fiber					
Single Mode Optical Fiber		Sterlite Fiber, ITU.T - G.657A1 or Superior 1310nm : 0.34 & 1550nm : 0.20 & 1625nm : 0.23 ≤ 0.1 ps/ √km ≤ 0.06 ps/√Km			
Loose Tube		•			
Filling Jelly		Thixotropic jelly to preve	nt water ingress	in loose tube	
Fiber per Tube	12 Nos.				
Tube	8 Nos.	Thermoplastic Material (F	PBTP/PP)	2.1+0.2 mm Nor	ninal Diameter
Core	s		2,,		
Central Strength Member Water blocking elements Core Covering		Fiber Reinforced Plastic (Water Swellable Yarns ar Binder and Water Swella	e added to cable of	,	rrength & antibuckling properties gress in cable core.
Cable					
Rip Cord	2 Nos.	Polyester Based Yarns		Applied Below St	•
Identification Tape		Printing tape will be adde	ed (below core or	-	-
Armouring		Corrugated Steel Tape			n Nominal Thickness
Stripe Marking		One White Colored Extru		- · ·	
Sheathing		UV Proof Black High Den	sity Polyethylene	2.4 mm Nominal	Thickness
			NTRAL STRENGT	SWELLABLE TAPE H MEMBER (FRP) APE	
		BIN CEN DE DE DE DE DE DE DE DE DE DE	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s)	GWELLABLE TAPE H MEMBER (FRP) APE E YARNS	n - Not To Scale
		BIN CEN DE DE DE DE DE DE DE DE DE DE	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s)	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS	n - Not To Scale
	MECHA	BIN CEN IDE WA RIF	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s)	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS YPICAL CONSTRUCTION DIAGRAM	n - Not To Scale
		BIN CEN IDE VA RIF OPTICAL FIBRE NICAL	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s)	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS YPICAL CONSTRUCTION DIAGRAM	IRONMENTAL
Max. Tensile strength	MECHA 1.3 W @ 0.250	BIN CEN DE DE DE DE DE DE DE DE DE DE	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Ypical Construction Diagram FORMANCE ENVJ	IRONMENTAL
Max. Tensile strength Crush Resistance: 4000 N	MECHA 1.3 W @ 0.250 1 / 100*100 mm	BIN CEN IDE DE WA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS vpical Construction Diagram FORMANCE ENVI Temp. Perform	IRONMENTAL ance
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0.	MECHA 1.3 W @ 0.250 1/ 100*100 mm .5m, No Fiber Br	BIN CEN IDE DE WA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation	IRONMENTAL ance -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m	MECHA 1.3 W @ 0.250 V / 100*100 mm .5m, No Fiber Br	BIN CEN IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacker reak, No Jacket Damage	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) TY CABLE PERF	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service	IRONMENTAL ance -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20	MECHA 1.3 W @ 0.250 7 / 100 * 100 mm 5m, No Fiber Br DD, No FRP Brea	BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacker reak, No Jacket Damage k, No Tube Kink, No Jacker samples, 24 hrs.	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service	IRONMENTAL ance -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration	MECHA 1.3 W @ 0.250 1 / 100*100 mm 5m, No Fiber Br DD, No FRP Brea 1m head, 3m	BIN BIN CEN IDE IDE VAA RIF COPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke reak, No Jacket Damage k, No Tube Kink, No Jacket samples, 24 hrs. COLO	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF et Damage It Damage	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Ypical Construction Diagram ORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color	MECHA 1.3 W @ 0.256 1 / 100*100 mm 5m, No Fiber Br DD, No FRP Brea 1m head, 3m = Blue, Orange,	BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacker reak, No Jacket Damage k, No Tube Kink, No Jacker samples, 24 hrs.	IDER & WATER S TRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF et Damage et Damage IT Damage IT DATAILS T T T T T T T T T T T T T	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Ypical Construction Diagram ORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color	MECHA 1.3 W @ 0.256 1/ 100*100 mm 5m, No Fiber Br DD, No FRP Brea 1m head, 3m = Blue, Orange, Blue, Orange,	BIN BIN CEN IDE IDE VAA RIF COPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke reak, No Jacket Damage k, No Tube Kink, No Jacket samples, 24 hrs. COLO Green, Brown, Slate, Whit Green, Brown, Slate, Whit	IDER & WATER S TRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF et Damage et Damage IT Damage IT DATAILS T T T T T T T T T T T T T	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram ORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color	MECHA 1.3 W @ 0.256 1/ 100*100 mm 5m, No Fiber Br DD, No FRP Brea 1m head, 3m = Blue, Orange, Blue, Orange,	BIN BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke reak, No Jacket Damage k, No Tube Kink, No Jacket samples, 24 hrs. COLO Green, Brown, Slate, Whit Green, Brown, Slate, Whit Green, Brown, Slate, Whit	IDER & WATER S TRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) T CABLE PERF T T T T T T T T T T T T T	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram ORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color	MECHA 1.3 W @ 0.25 1.3 W @ 0.25 1.4 W @ 0.25 1.5 W O FIPE Bread 1.5 W O	BIN BIN CEN IDE IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke reak, No Jacket Damage k, No Tube Kink, No Jacket samples, 24 hrs. COLO Green, Brown, Slate, Whit Green, Brown, Slate, Whit Green, Brown, Slate, Whit Cable wt.	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) T CABLE PERF et Damage et Damage R DETAILS te, Red, Black, Yel te, Red, Black, Yel te, Red, Black. L PARAMET	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Forsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Doptical Fibre Color Loose Tube Color Sheath Color	MECHA 1.3 W @ 0.25 1.3 W @ 0.25 1.4 W @ 0.25 1.5 W O FIPE Bread 1.5 W O	BIN BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NO PHYSICA Cable wt. (Kg/km)	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF et Damage et Damage PR DETAILS te, Red, Black, Yel te, Red, Yel	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length Irder Tolerance on Std. Length	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> ± ±5 %
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Forsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color	MECHAI 1.3 W @ 0.254 1.3 W @ 0.254 1.4 W @ 0.254	BIN BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL VAA RIF OPTICAL FIBRE NICAL VAA RIF COLO Green, Brown, Slate, Whith Green, Brown, Slate, Whith Cable wt. (Kg/km) PRINT	IDER & WATER S TRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage et Damage PR DETAILS te, Red, Black, Yel te,	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length rder Tolerance on Std. Length S	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> ± ±5 %
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color Diameter (mm, Nominal)	MECHAI 1.3 W @ 0.250 1.3 W @ 0.250	BIN BIN CEN IDE IDE IDE IDE IDE IDE IDE IDE	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage t Damage PR DETAILS te, Red, Black, Yel te,	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS ypical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length rder Tolerance on Std. Length S UFACTURE	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> 1 <u>±</u> 5 % Max 5%, With Customer Approv
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color Diameter (mm, Nominal) Identification Tape Printing Cable Printing details	MECHAI 1.3 W @ 0.254 1.3 W @ 0.254	BIN BIN CEN IDE IDE IDE IDE IDE IDE IDE IDE	IDER & WATER S TRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage et Damage DR DETAILS te, Red, Black, Yel te, Red, Stack, Yel te, Red, Yel te, Red, Yel te, Red, Yel te, Yel te, Yel te, Yel te, Yel te, Yel te, Yel te,	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS ypical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length rder Tolerance on Std. Length S UFACTURE MBOL TELEPHONE SYM	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> 5%
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color Diameter (mm, Nominal)	MECHA 1.3 W @ 0.25 1.3 W @ 0.25 1.4 W @ 0.25 1.5 W O FIPE Bread 1.5 W O	BIN BIN CEN IDE IDE IDE IDE VAA RIF OPTICAL FIBRE NICAL % Fiber Strain , No Fiber Break, No Jacke reak, No Jacket Damage k, No Tube Kink, No Jacket samples, 24 hrs. COLO Green, Brown, Slate, Whit Green, Brown, Slate, Whit Green, Brown, Slate, Whit Cable wt.	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage et Damage R DETAILS te, Red, Black, Yell te, Red, Yell te, Red, Yell te, Red, Yell te, Red, Ye	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> 5
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color	MECHA 1.3 W @ 0.25 1.3 W @ 0.25 1.4 W @ 0.25 1.5 W O FIPE Bread 1.5 W O	BIN BIN CEN IDE IDE IDE VAA RIF OPTICAL FIBRE NO PHYSICA Cable wt. (Kg/km)	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE PCORD(s) T CABLE PERF et Damage et Damage PR DETAILS te, Red, Black, Yel te, Red, Yel	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS Vpical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length Irder Tolerance on Std. Length	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> ± ±5 %
Max. Tensile strength Crush Resistance: 4000 N Impact strength: 50 N, 0. Torsion: ±180°, 100N, 2m Cable Bending Radius: 20 Water Penetration Optical Fibre Color Loose Tube Color Sheath Color Diameter (mm, Nominal)	MECHAI 1.3 W @ 0.250 1.3 W @ 0.250	BIN BIN CEN IDE IDE IDE IDE IDE IDE IDE IDE	IDER & WATER S NTRAL STRENGT INTIFICATION T TER SWELLABLE CORD(s) TY CABLE PERF et Damage t Damage PR DETAILS te, Red, Black, Yel te,	SWELLABLE TAPE H MEMBER (FRP) APE E YARNS ypical Construction Diagram FORMANCE ENVI Temp. Perform Installation Service Storage Ilow, Violet, Pink, Aqua. ERS able Length rder Tolerance on Std. Length S UFACTURE	IRONMENTAL ance -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km <u>+</u> 5%,2 Km <u>+</u> 5% ±5 % Max 5%, With Customer Approv
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48F SM (G657A1 NOVA) Multitube Single Sheath Armor Lite Optical Fibre Cable

Fiber						
Single Mode Optical Fiber		Sterlite Fiber, ITU.T - G.65	7A1 or Superior			
Maximum Cabled Fibre Attenu	uation dB/Km	1310nm : 0.34 & 1550nm : 0.20 & 1625nm : 0.23 ≤ 0.1 ps/ √km ≤ 0.06 ps/√Km				
MD Individual Fiber (1310nm	n & 1550nm)					
PMD LDV						
Loose Tube						
		This atranic falls to provent	star ingrass in lasse tube			
Filling Jelly	10 No.	Thixotropic jelly to prevent w	ater ingress in loose tube			
Fiber per Tube	12 Nos.			No. 1 Diana		
Tube	4 Nos.	Thermoplastic Material (PBTP/	<u>PP) 2.1+0.2</u>	mm Nominal Diame	eter	
Core						
Central Strength Member		Fiber Reinforced Plastic(FRP)	o provide tensile strengt	h and antibuckling p	roperties	
Filler	1 Nos.	Polyethylene Black				
Water blocking elements		Water Swellable Yarns are added to cable core to prevent water ingress in cable core.				
Core Covering		Binder and Water Swellable Ta	аре			
Cable						
Rip Cord	2 Nos.	Polyester Based Yarns	Applied	Below Steel Tape		
Identification Tape		Printing tape will be added (be		•	1)	
Armouring		Corrugated Steel Tape		0.005 mm Nominal T	•	
Sheathing		UV Proof Black High Density P		Nominal Thickness	IIICKIIC55	
Sheathing		CONSTRUCTION				
		CENTRA LOOSE	& WATER SWELLABLE AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS	(FRP)		
		CENTRA LOOSE IDENTI WATER RIPCOR	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS ED(s) Typical Constru	(FRP)) JELLY uction Diagram - Not To	o Scale	
		CENTRA LOOSE IDENTI WATER RIPCOR	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS ED(s) Typical Constru	(FRP)) JELLY uction Diagram - Not To		
THE LEVEL AND THE		CENTRA LOOSE IDENTI WATER RIPCOR	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru E PERFORMANCE	(FRP) D JELLY uction Diagram - Not To ENVIRONME		
Max. Tensile strength	0 MECHAN 1.3 W @ 0.25	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru E PERFORMANCE Temp.	(FRP) D JELLY Loction Diagram - Not To ENVIRONME Performance	NTAL	
Max. Tensile strength Crush Resistance: 4000 N /	0 MECHAN 1.3 W @ 0.25 100*100 mm, f	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS ED(s) Typical Constru E PERFORMANCE Temp. I age Installa	(FRP) D JELLY Diction Diagram - Not To ENVIRONME Performance ation	NTAL -20ºC to +70ºC	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r	0 MECHAN 1.3 W @ 0.25 100*100 mm, f	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru E PERFORMANCE Age Installa Service	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5rr Forsion: ±180°, 100N, 2m	••••••••••••••••••••••••••••••••••••••	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D	MECHAN 1.3 W @ 0.25 100*100 mm, r m, No Fiber Break, D, No FRP Break,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D	MECHAN 1.3 W @ 0.25 100*100 mm, r m, No Fiber Break, D, No FRP Break,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs.	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D	MECHAN 1.3 W @ 0.25 100*100 mm, r m, No Fiber Break, D, No FRP Break,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5rr Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration	0 MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, D, No FRP Break, 1m head, 3m	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs.	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE NICAL % Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Optical Fibre Color Loose Tube Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NO Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Empact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D Nater Penetration Diftical Fibre Color Loose Tube Color Filler Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NO Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage	(FRP) D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Diptical Fibre Color Loose Tube Color Filler Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Blue, Orange, Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NO Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown.	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage TAILS ed, Black, Yellow, Violet,	(FRP) D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Diptical Fibre Color Loose Tube Color Filler Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Blue, Orange, Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABL NO Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Temp. I Installa Service Storage Gge TAILS Ed, Black, Yellow, Violet,	(FRP) D JELLY D JELLY ENVIRONME Performance ation	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Optical Fibre Color Loose Tube Color Filler Color Sheath Color	MECHAN 1.3 W @ 0.25' 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Black. Black. Black.	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE NET NO Fiber Strain No Fiber Strain No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Re Green, Brown.	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Temp. I Installa Service Storage Gge TAILS Ed, Black, Yellow, Violet, AMETERS Cable Lengt	(FRP) D JELLY Action Diagram - Not To ENVIRONME Performance Ation Pink, Aqua. h	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Optical Fibre Color Loose Tube Color Filler Color Sheath Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Blue, Orange, Blue, Orange,	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE NET NO Fiber Strain No Fiber Strain No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Re Green, Brown.	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS D(s) Typical Constru- E PERFORMANCE Age Installa Service Storage Storage FAILS ed, Black, Yellow, Violet, AMETERS Cable Lengt Order Tolera	(FRP) D JELLY Action Diagram - Not To ENVIRONME Performance ation a Pink, Aqua. h 4 ance	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km ± 5%,2 Km ± ±5 %	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Dictal Fibre Color Loose Tube Color Filler Color Sheath Color	MECHAN 1.3 W @ 0.25' 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Black. Black. Black.	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE No Fiber Strain No Fiber Strain No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Re Green, Brown. Cable wt. (Kg/km) 110	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS D(s) Typical Constru- E PERFORMANCE Age Installa Service Storage FAILS ed, Black, Yellow, Violet, AMETERS ± 10% Cable Lengt Order Tolera Non Std. Len	(FRP) D JELLY Action Diagram - Not To ENVIRONME Performance ation a Pink, Aqua. h 4 ance	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km ± 5%,2 Km ± ±5 %	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Forsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Distal Fibre Color Sheath Color Sheath Color	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Blue, Orange, Black. Black. Black. 11.2 ± 5%	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Br Cable Wt, MAN, MAN, MAN, MAN, MAN, MAN, MAN, MAN	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS D(s) Typical Constru- E PERFORMANCE Age Age Temp. I Installa Service Storage Storage FAILS AMETERS ± 10% Cable Lengt Order Tolera Non Std. Len	(FRP) D JELLY Action Diagram - Not To ENVIRONME Performance ation a Pink, Aqua. h 4 ance	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km ± 5%,2 Km ± ±5 %	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Optical Fibre Color Loose Tube Color Filler Color Sheath Color Diameter (mm, Nominal)	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Black. Black. 11.2 ± 5% STERLITE BHA	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Re Green, Brown. Interference Cable wt. (Kg/km) 110 PRINTING D MATI AIRTEL LIMITED SMF 48F Y	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage TAILS Ed, Black, Yellow, Violet, AMETERS ± 10% Cable Lengt Order Tolera Non Std. Lei ETAILS (EAR OF MANUFACTURE	(FRP) D JELLY Action Diagram - Not To ENVIRONME Performance ation Pink, Aqua. h ance ngth Max 5%, W	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km ± 5%,2 Km ± ±5 % 4 Km ± 5%	
Max. Tensile strength Crush Resistance: 4000 N / Impact strength: 50 N, 0.5r Torsion: ±180°, 100N, 2m Cable Bending Radius: 20D Water Penetration Optical Fibre Color Loose Tube Color Filler Color Sheath Color Diameter (mm, Nominal)	MECHAN 1.3 W @ 0.25 100*100 mm, I m, No Fiber Break, 1m head, 3m Blue, Orange, Blue, Orange, Black. Black. 11.2 ± 5% STERLITE BHA STERLITE 48H	CENTRA LOOSE IDENTI WATER RIPCOR PTICAL FIBRE CABLE No Fiber Strain No Fiber Strain No Fiber Break, No Jacket Dama ak, No Jacket Damage No Tube Kink, No Jacket Dama samples, 24 hrs. COLOR DE Green, Brown, Slate, White, Re Green, Brown, Slate, White, Br Cable Wt, MAN, MAN, MAN, MAN, MAN, MAN, MAN, MAN	AL STRENGTH MEMBER TUBE WITH FIBER AND FICATION TAPE SWELLABLE YARNS CD(s) Typical Constru- E PERFORMANCE Age Installa Service Storage TAILS Ed, Black, Yellow, Violet, AMETERS ± 10% Cable Lengt Order Tolera Non Std. Lee ETAILS (EAR OF MANUFACTURE CLASER SYMBOL TELE	(FRP)) JELLY Action Diagram - Not To ENVIRONME Performance ation Pink, Aqua. h ance ngth Max 5%, W EPHONE SYMBOL MO	NTAL -20°C to +70°C -20°C to +70°C -20°C to +70°C 4 Km ± 5%,2 Km ± ±5 % 4 Km ± 5%	