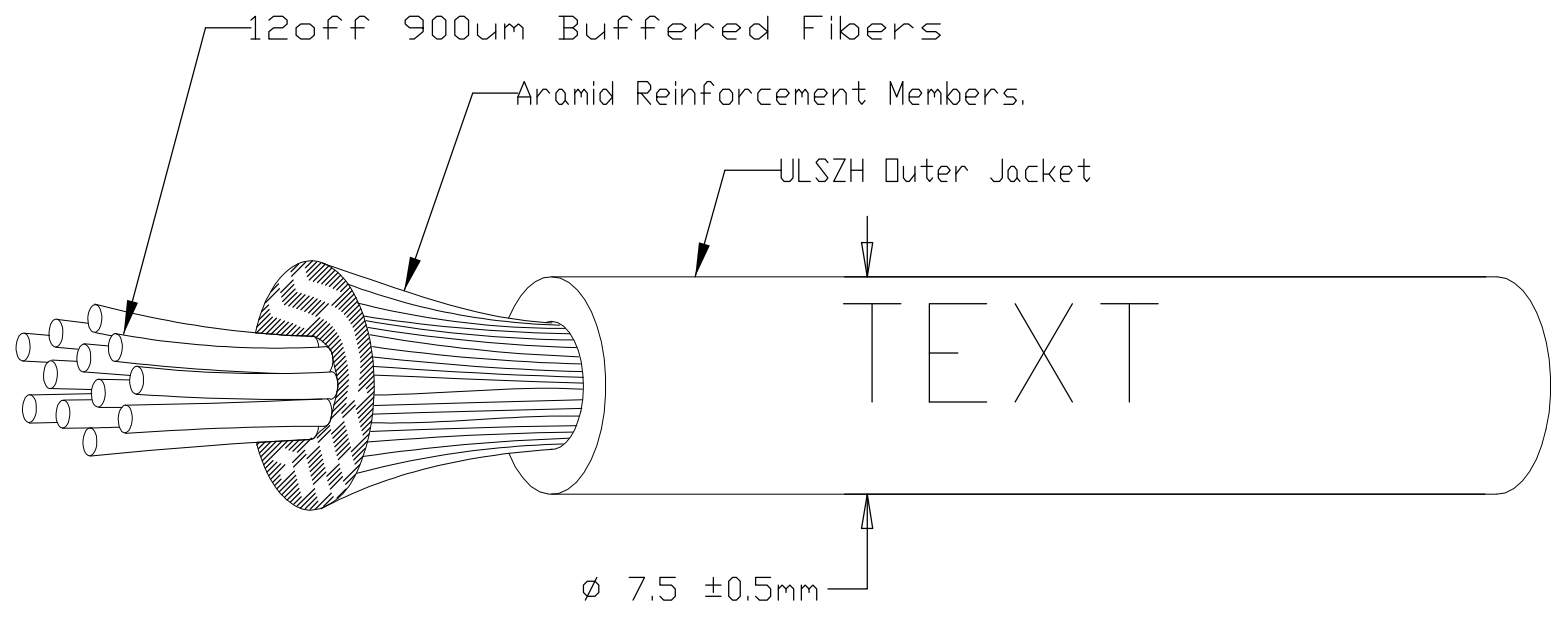


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		M1	REVISED PER ECO-11-005139	29MAR11	RK	HMR
			N	REVISED PER ECO-12-013809	13AUG12	LST	AG



- * Laser Grade Fibre in Table, Gigabit Ethernet
 Maximum Link Distance SX (850 nm)/LX (1300 nm)
- 1. 12off Buffered Fibers, Colours- Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink & Turquoise
- 2. Outer Jacket Text in contrasting colour
 Example (excluding Reel No & Meter Mark)
 "AMP NETCONNECT F.O.CABLE X-599148-1 INT/EXT DISTRIBUTION ULSZH 12X 62.5/125S"
- 3. All fibers shall be LSZH buffered.
- 4. Mechanical Properties of Cable (Tested according to IEC60794-1)
 Nominal weight 56 kg/km
 Minimum Installation Bend Radius 115 mm
 Minimum Service Bend Radius 75 mm
 Maximum Installation Tension 1000 N
 Maximum Operating Tension 600 N
 Crush Resistance 2000 N
 Operating Temperature Range -20 to + 70 °C
 Internal/External Grade
 Universal Low Smoke Zero Halogen materials to be compliant with
 Water Absorbtion IEC60811-1, <2mg/cm2 10 days @70C
 Smoke Emission IEC 61034
 Acid Gas Emission IEC 60754-1
 Toxicity NES 60713
 Fire Propogation IEC 60332-1 & 60332-3

Part number prefix	
No:	Length
1-	1 Km
2-	2 Km
3-	3 Km
4-	4 Km
9-	Cut Length

orange	3.5/1.5	400/1000 *	62.5/125 OM1+	X-599148-9	
black	3.5/1.5	160/200	62.5/125 E	X-599148-8	
orange	3.5/1.5	500/500	50/125 OM2	X-599148-7	
orange	3.5/1.5	750/2000 *	50/125 OM2+	X-599148-6	
orange	3.5/1.5	200/600	62.5/125 OM1	X-599148-5	
yellow	0.5/0.4	single mode	9/125 OS2	X-599148-4	
Aqua	3.5/1.5	1500/500	50/125 OM3	X-599148-3	
Aqua	3.5/1.5	3500/500	50/125 OM4	X-599148-2	
blue	3.5/1.5	160/500	62.5/125 S	X-599148-1	
Jacket Colour	Max Cabled fibre attn. loss db/km @ 850/1300nm for Multi mode and @ 1310/1550nm for Single mode		Bandwidth @ 850/1300nm	Fiber Type	Part Number

5. To meet the requirements of TE CONNECTIVITY environmental specification 230-702

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,2 1 PLC ±0,1 2 PLC ±0,05 3 PLC ±0,025 4 PLC ±0,005 ANGLES ±0,5		DWN J.DYER 09JAN09 CHK D. Walker APVD A. Gibbons PRODUCT SPEC - APPLICATION SPEC - WEIGHT -			
MATERIAL -		FINISH -		CUSTOMER DRAWING		NAME FOCAB I/EDC X12 FIBER OPTIC CABLE INT/EXT DISTRIBUTION LSZH CABLE 12 CORE SIZE A3 CAGE CODE 00779 DRAWING NO C-599148 RESTRICTED TO -	
				SCALE NTS		SHEET 1 OF 1 REV N	