

This range of AMP NETCONNECT Rodent Resistant Cables are suitable for both internal and external duct applications, where increased resistance to rodent attack is required.

The cables are designed with a loose tube construction and are available with a choice of dry or gel filled tubes (for extra moisture protection). The cables are also designed to feature water swelling E-glass yarn and non-metallic peripheral strength members which are stranded around the loose tube.

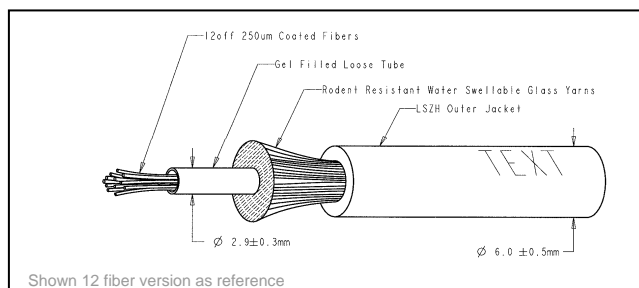
These cables are supplied with ULSZH jackets as standard. Cables with PE and with Polyamid chemical resistant jackets are also available on request.

This range of cables is designed for use in the following applications:

- Telecommunications / Video / Data
- Backbone Cabling
- Campus Site Cabling
- Outdoor Ducts and Cable Trays
- Trunking

All cables comply with the following standards:

- Fire Propagation IEC 60332-1 & -3
- Flammability IEC 61034
- Smoke Emission IEC 61034
- Acid Gas Emission IEC 60754-1 & -2
- Toxicity NES 713
- Mechanical Properties: IEC 60794 & 60793
- Operating Temperature: -40° to +60° C
- DIN/VDE 0888: I/A-DQ(ZN)BH



Mechanical Properties:

Part No. Dry Tube	Part No. Gel Filled	No. of fibers	Outer Diameter [mm]	Weight [nom. kg/km]	Max. Inst. Tension [N]	Crush Resistance [N / 10 cm]	Min. Bend Radius [mm]
y-0599614-x	y-0599622-x	4	6.4	48	1250	1000	140
y-0599615-x	y-0599623-x	6	6.4	48	1250	1000	140
y-0599616-x	y-0599624-x	8	6.4	48	1250	1000	140
y-0599617-x	y-0599625-x	12	6.4	48	1250	1000	140
y-0599618-x	y-0599626-x	16	8.0	74	1250	1000	160
y-0599619-x	y-1716001-x	24	11.5	105	2000	2000	230
y-0599620-x	y-0599628-x	36	11.5	105	2000	2000	230
y-0599621-x	y-0599629-x	48	11.5	105	2000	2000	230

Fiber Type:		Packing:	
x = 5	62.5/125µ [OM1]	y = 1	1 km reel
x = 7	50/125µ [OM2]	y = 2	2 km reel
x = 6	50/125µ Laser Grade [OM2 Plus]		
x = 3	50/125µ XG – 10 GigaBit [OM3]		
x = 2	50/125µ XG – 10 GigaBit [OM4]		
x = 4	9/125µ (Singlemode) [OS2 – ITU G.652D]		

Optical Performance (for Multimode):

(For Singlemode Specifications please contact AMP NETCONNECT)

Fiber Type Att: Attenuation BW: Bandwidth	Att. 850 nm [dB / km]	Att. 1300 nm [dB / km]	BW @ 850 nm [MHz. km]	BW @ 1300 nm [MHz. km]	Max. Distance [m]		Max. Distance [m] 10GBase-SR
					1000Base-		
					850nm (SX)	1300 nm(LX)	
62.5/125 µ [OM1]	< 2.9	< 0.7	> 200	> 600	275	550	33
50/125 µ [OM2]	< 2.4	< 0.6	> 500	> 500	550	550	82
50/125 µ LaserGrade [OM2 Plus]	< 2.4	< 0.6	> 600	> 1.200	750	2.000	110
50/125 µ XG-10 GigaBit [OM 3]	< 2.7	< 0.7	> 1.500	> 500	1000	600	300
50/125 µ XG-10 GigaBit [OM 4]	< 2.7	< 0.7	> 3.500	> 500	1040	600	550

All specifications in compliance with latest revisions of ISO/IEC 11801, EN 50173 & EIA/TIA 568

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