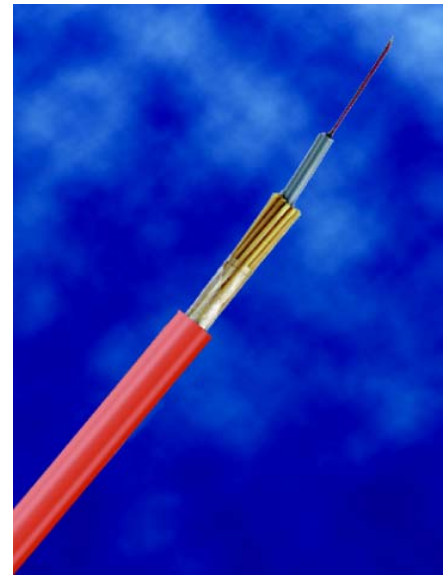


This AMP NETCONNECT range of rodent resistant cables are suitable for external applications, where increased protection to rodent attack is required. The cables are designed with a loose tube construction and feature gel filled tubes for extra moisture protection and Glass Reinforced Plastic (GRP) non-metallic strength members. The GRP armouring is helically stranded around the loose tube.

These cables are supplied with ULSZH jackets as standard. Cables with PE or Polyamid chemical resistant jackets are also available on request. These cables can be installed in cable ducts, in direct burial applications as well as for short span self-supporting aerial applications.

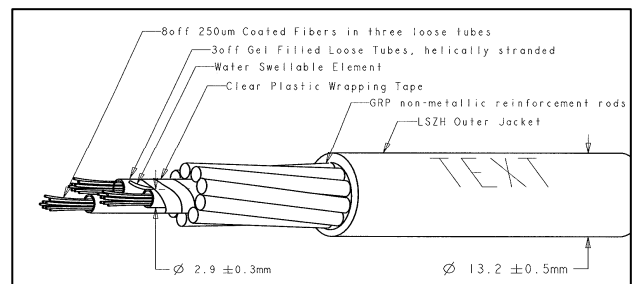
This range of cables is designed for use in the following applications:

- Telecommunications / Video / Data
- CATV Trunk Cabling
- Backbone / Campus Cabling
- External Ducts or Direct Burial
- Small Span Aerial



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
- Water Absorption IEC 811-1-3
- Mechanical Properties: IEC 60794 & 60793
- Operating Temperature: -40° to +70° C
- DIN/VDE 0888: A-DQ(ZN)B2Y



Shown 24 fiber version as reference

Mechanical Properties:

Part No.	No. of fibers	Outer Diameter [mm]	Weight [nom. kg/km]	Max. Inst. Tension [N]	Crush Resistance [N / 10 cm]	Min. Bend Radius [mm]
y-0599168-x	4	9.0	94	2000	3.000	230
y-0599169-x	6	9.0	94	2000	3.000	230
y-0599170-x	8	9.0	94	2000	3.000	230
y-0599172-x	12	9.0	94	2000	3.000	230
y-0599173-x	16	11.0	143	3000	3.000	280
y-0599175-x	24	15.0	236	6000	4.000	465
y-0599612-x	36	15.0	236	6000	4.000	465
y-0599613-x	48	15.0	236	6000	4.000	465

Fiber Type:

- x = 5 62.5/125µ [OM1]
- x = 7 50/125µ [OM2]
- 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]

Packing:

- y = 1 1 km reel
- y = 2 2 km reel

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)	1300nm(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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