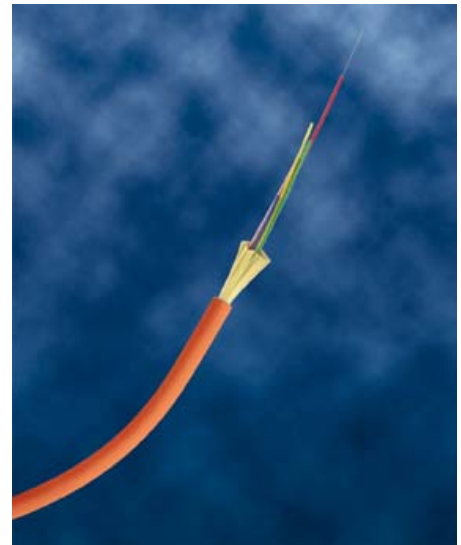


AMP NETCONNECT Loose Tube Distribution cables are suitable for both internal and external applications, for example, within building, or in internal and protected external ducts.

The cables are designed with a loose tube construction and feature 250µ primary coated fibers. The tubes may be dry or gel filled to ensure protection against moisture ingress. The ULSZH sheathing material used in this range also provides resistance to moisture ingress and UV stability. All materials used offer maximum ease for cable preparation.

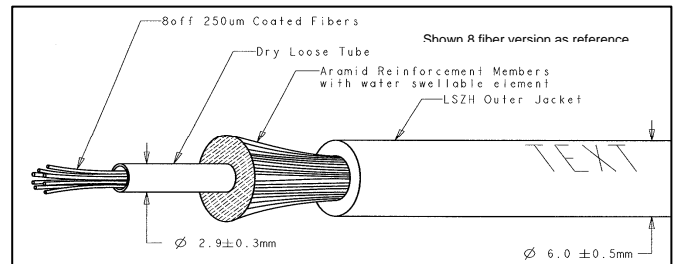
This range of cables is designed for use in the following applications:

- Horizontal Cabling
- 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: -20° to +60° C
- DIN/VDE 0888: I/A-DQ(ZN)H



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-0599152-x	y-0599160-x	4	6.4		500	2000	140
y-0599153-x	y-0599161-x	6	6.4	33	500	2000	140
y-0599154-x	y-0599162-x	8	6.4	33	1000	2000	140
y-0599156-x	y-0599164-x	12	6.4	33	1000	2000	140
y-0599157-x	y-0599165-x	16	7.5	44	1000	2000	150
y-0599159-x	y-1716000-x	24	11.5	125	1000	2000	170
y-0599605-x	y-0599609-x	48	11.5	125	1000	2000	170
y-0599606-x	y-0599610-x	72	12.7	155	2700	2000	250
y-0599607-x	y-0599611-x	96	15.0	210	2700	2000	300

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)	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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Specifications are subject to change without notice.