

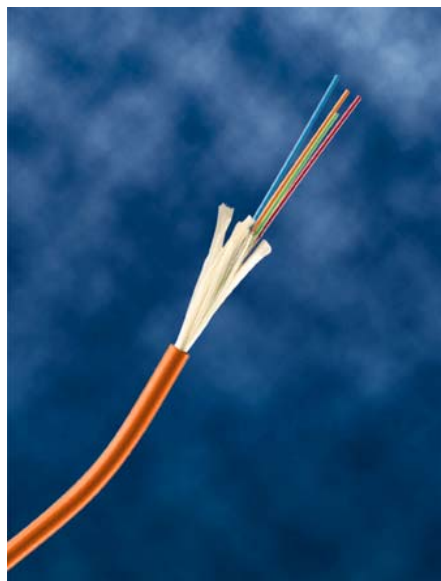
AMP NETCONNECT Mini-Breakout Office Distribution cables are suitable for both internal and external applications, for example, within building, or in internal and protected external ducts.

The cables are designed with a tight buffer construction and feature 900µ buffered fiber. The ULSZH ( Universal Low Smoke Zero Halogen) jacket material provides an excellent fire performance, protection against moisture ingress as well as UV stability. All materials used offer maximum ease for cable preparation.

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

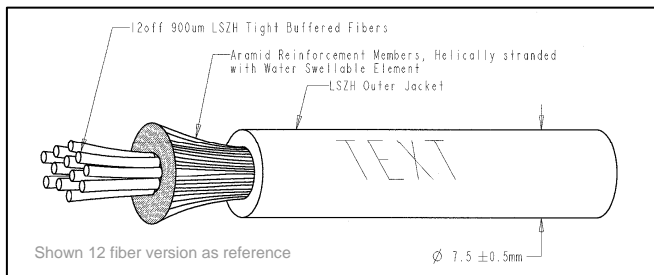
- Horizontal Cabling
- Backbone Cabling
- Campus Site Cabling
- Outdoor Ducts and Cable Trays
- Trunking

The AMP NETCONNECT Mini-Breakout Distribution Cables support easy termination technologies like LightCrimp, LightCrimp Plus and MT-RJ as well as splicing (both fusion and CORELINK mechanical)



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 +70° C
- DIN/VDE 0888: I/A-V(ZN)H



#### 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-0599144-x	4	5.0	27	650	2000	75
y-0599145-x	6	6.0	33	1000	2000	90
y-0599146-x	8	6.0	35	1000	2000	90
y-0599148-x	12	7.5	56	1000	2000	110
y-0599149-x	16	8.0	61	1000	2000	110
y-1716029-x	24	14.6	206	1500	2000	280
y-0599602-x	36	17.0	240	2000	2000	430
y-0599603-x	48	17.3	249	2000	2000	430

#### 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)	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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