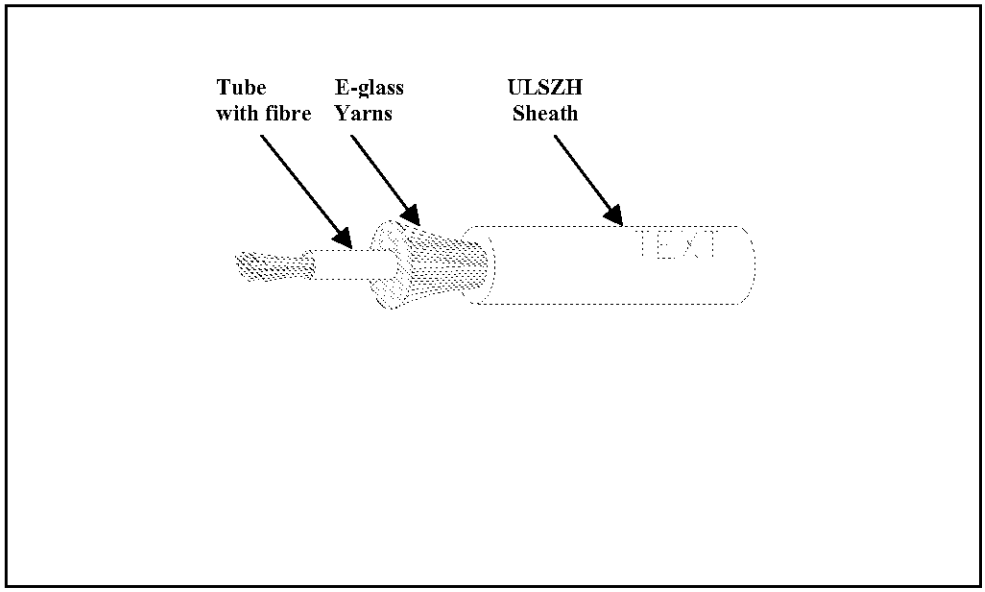

Description

AMP Netconnect rodent resistant loose tube cables consist of a range of mono-tube designs (4-16 fibres) and multi-loose tube designs (24-48 fibres). For the 4-12 fibre designs, all the fibres are contained within a **2.8mm** single tube construction. For 16 fibre designs all the fibres are contained within a **4.0mm** single tube construction. The 24-48 fibre designs contain 12 fibre, 2.8mm tubes stranded around a GRP central strength member. All these constructions are then strengthened using E-glass yarns for rodent protection and finally a ULSZH (Universal Low Smoke Zero Halogen) jacket.

Specification

AMP Netconnect cables are designed and manufactured with our dedicated modern facilities and all activities are controlled within ISO 9001:2000 approved systems. All our products have undergone extensive type approval testing to IEC 60794 (EN 187 000) and IEC 60793 (EN 188 000) using the latest testing facilities.

AMP Netconnect cables are designed and tested to conform to the fibre and cable performance requirements of, ISO 11801, and TIA/EIA B. The optical fibre specifications are guaranteed installed minimum performance (subject to correct installation and environment). If a higher performance fibre is required please contact our local sales team. Accordingly, the cables meet or exceed all of the performance requirements for current and proposed applications such as IEEE 802.3 Ethernet (including 10 Gigabit Ethernet).

All mono-tube cable constructions consist of **[one, two, four, six, eight, twelve, & sixteen**] primary coated 250µm **[singlemode, 50/125µm or 62.5/125µm]** fibers. All multi-loose tube cable constructions consist of **[twenty-four, thirty-six or forty-eight]** primary coated 250um **[singlemode, 50/125µm or 62.5/125µm]** fibers. Each construction incorporates colour-coded fibers reinforced by E-glass yarn rodent resistant strength members and over-sheathed with **ULSZH** material for indoor/outdoor applications meeting IEC fire performance requirements.

The cable shall comply with the relevant performance requirements listed in the Performance Characteristics table The temperature ratings for storage, shipping, installation and operation shall comply with the Temperature Ratings table (see performance and temperature charts)

AMP NETCONNECT

Drawing no	114-92011	**Drawn**	L. Taylor	10.02.05	**Revision Record**	**Drawing Location:** E
Name	Warranty cut sheet	**Checked**	D. Walker	10.02.05	B JZ00 0004 05	
Revision	B	**Approved**	A. Gibbons	**10.02.05**	**A ORIGINAL**	**Sheet 1 of 3**

Part numbers

Jacket Colour	Fibre Type / classification	Fibre Bandwidth (dB/km) @850nm/1300nm	Suffix = y
Gold	50/125 OM3+	3500/500	2
Gold	50/125 OM3	1500/500	3
Yellow	9/125 OS1	N/a	4
Orange	62.5/125 OM1	200/600	5
Orange	50/125 OM2+	600/1200	6
Orange	50/125 OM2	500/500	7
Orange	62.5/125 OM1+	250/800	9

Part Description	Part Numbers	Part Description	Part Numbers
4 fibre RRGLT	x-599622-y	4 fibre RRDLT	x-599614-y
6 fibre RRGLT	x-599623-y	6 fibre RRDLT	x-599615-y
8 fibre RRGLT	x-599624-y	8 fibre RRDLT	x-599616-y
12 fibre RRGLT	x-599625-y	12 fibre RRDLT	x-599617-y
16 fibre RRGLT	x-599626-y	16 fibre RRDLT	x-599618-y
24 fibre RRGLT	x-599627-y	24 fibre RRDLT	x-599619-y
36 fibre RRGLT	x-599628-y	36 fibre RRDLT	x-599620-y
48 fibre RRGLT	x-599629-y	48 fibre RRDLT	x-599621-y

* x = 1 for 1km, 2 for 2km

Mechanical Performance Specifications:

All AMP Netconnect cables are designed and tested using our dedicated modern facilities and all activities are controlled within ISO 9001:2000 approved systems

Mechanical Specifications

Tyco PN	Nominal O.D. mm	Sub Units		Minimum Bend Radius		Nominal Weight Kg/km	Rated Tensile Load	
		N°.	O.D. mm	Install mm	Long Term mm		Installation N	Long Term N
x-599622-y	6.4	1	2.8	140	130	48	1250	650
x-599623-y	6.4	1	2.8	140	130	48	1250	650
x-599624-y	6.4	1	2.8	140	130	48	1250	650
x-599625-y	6.4	1	2.8	140	130	48	1250	650
x-599626-y	8.0	1	4.0	160	150	74	1250	650
x-599627-y	11.5	4	2.8	230	170	126	2000	1200
x-599628-y	11.5	4	2.8	230	170	126	2000	1200
x-599629-y	11.5	4	2.8	230	170	126	2000	1200

AMP NETCONNECT

Tyco PN	Nominal O.D. mm	Sub Units		Minimum Bend Radius		Nominal Weight Kg/km	Rated Tensile Load	
		N°.	O.D. mm	Install mm	Long Term mm		Installation N	Long Term N
x-599614-y	6.4	1	2.8	140	130	47	1250	650
x-599615-y	6.4	1	2.8	140	130	47	1250	650
x-599616-y	6.4	1	2.8	140	130	47	1250	650
x-599617-y	6.4	1	2.8	140	130	47	1250	650
x-599618-y	8.0	1	4.0	160	150	74	1250	650
x-599619-y	11.5	4	2.8	230	170	126	2000	1200
x-599620-y	11.5	4	2.8	230	170	126	2000	1200
x-599621-y	11.5	4	2.8	230	170	126	2000	1200

x = 1km, 2km

Temperature Ratings

Cable Type	Operation
RR-DLT	-10°C to + 70°C
RR-GLT (2-16f)	-20°C to +70°C
RR-GLT (24-48f)	-20°C to +70°C

Cable Print:

An example of the print format on the cables is as follows:

e.g. „AMPNETCONNECT F.O. CABLE X-599618-5 INT/EXT RODENT RESIST DLT 16 X 62.5/125 OM1“

AMP Netconnect Phone Numbers for Europe/Middle East/Africa:

Austria 43-1-90560-0
Belgium 32-16-352-300
Bulgaria 359-2-971-2152
Czech Rep. 420-5-41-162-112
Denmark 45-70-15-52-00
Egypt 20-2-417-7647
Finland 358-95-12-34-20
France 33-1-3420-2122
Germany 49-6103-709-1547
Greece 30-210-9370-396
Hungary 36-1-289-1007
India 91-80-8412433
Ireland 353-1-820-3000
Italy 39-011-4012-111
Lithuania 370-5-213-1402
Netherlands 31-73-6246-246
Norway 47-66-77-88-99
Poland 48-22-5490-888
Romania 40-21-311-3479
Slovenia 386-1561-3270
S. Africa 27-41-405-4500
Spain 34-93-291-0330
Sweden 46-8-5072-5000
Switzerland 41-71-447-0447
Turkey 90-212-281-8181
Ukraine 38-044-238-6908
U.A.E. 971-4-339-1199
United K. 44-208-420-8140
Russia:
Moscow 7-095-926-5509
Petersburg 7-812-118-8192

For Middle East & African Countries not shown: *33-1-3420-2122*

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