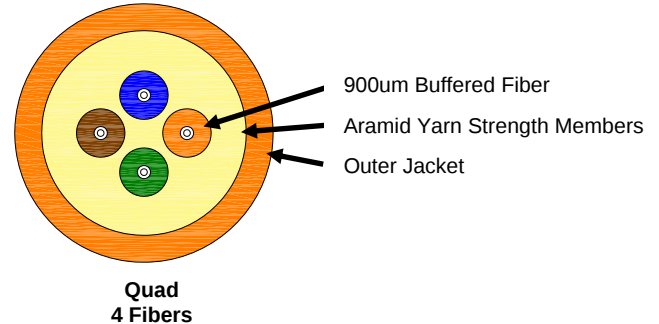
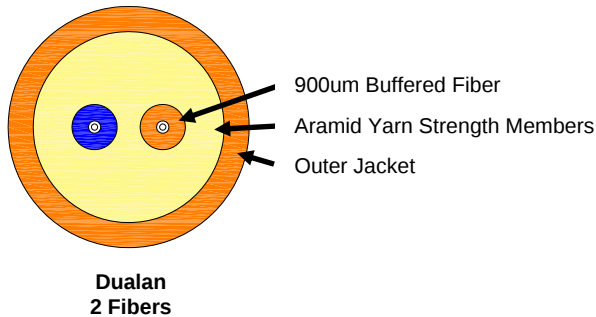
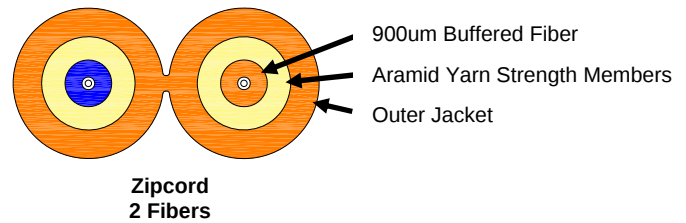
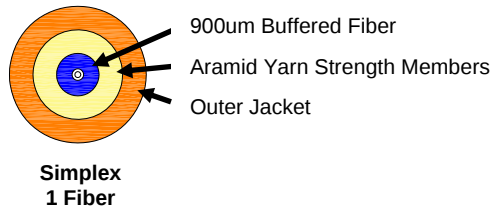


Fiber Optic Interconnect Cables (1 - 4 Fibers)



Description:

AMP NETCONNECT simplex and zipcord interconnect cables are designed for use in jumpers and pigtails. AMP NETCONNECT DUAL Fiber and QUAD Fiber interconnect cables are designed for use in jumpers, pigtails and as horizontal cables. They are all-dielectric and consist of 900µm tight-buffered optical fiber(s) surrounded by aramid yarn strength members and a PVC outer jacket. The cables are available in either Riser or Plenum with Single-mode OS2, 62.5/125µm OM1, 50/125µm OM2, 50/125µm OM3, or 50/125µm OM4 fiber.

Standards Compliance:

AMP NETCONNECT cables are designed and tested to conform to the fiber and cable performance requirements of TIA 568, ISO 11801, Telcordia GR-409-CORE and ICEA-596 Standards. All cables have UL or ETL fire safety listings to either OFNR (UL-1666/CSA FT-4) or OFNP (NFPA-262/UL 910/CSA FT-6).

Cable Print:

Cables will be marked every two feet with:

AMP NETCONNECT OPTICAL CABLE	< cable type >	< fiber type >	MM/YY	SO< shop order number >	XXXXX FEET
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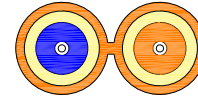
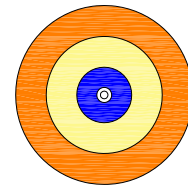
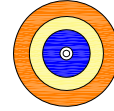
Specification	114-92001	Revision	D7	Date	12/20/2011	Page	1 of 8
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Fiber Optic Interconnect Cables (1 - 4 Fibers)



Simplex and Zipcord Part Numbers:

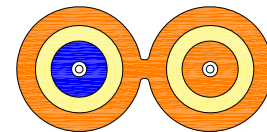
Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
1	2.0mm Simplex	Riser	62.5/125 OM1	Orange	1-1553406-1
			50/125 OM2	Orange	1-1553406-2
			50/125 OM3	Aqua	3-1553406-9
			50/125 OM4	Aqua	4-1553406-9
			Single-mode OS2	Yellow	7-1553406-3
		Plenum	62.5/125 OM1	Orange	1-1553407-1
			50/125 OM2	Orange	1-1553407-2
			50/125 OM3	Aqua	3-1553407-9
			50/125 OM4	Aqua	4-1553407-9
			Single-mode OS2	Yellow	7-1553407-3
1	2.9mm Simplex	Riser	62.5/125 OM1	Orange	1-1553408-1
			50/125 OM2	Orange	1-1553408-2
			50/125 OM3	Aqua	3-1553408-9
			50/125 OM4	Aqua	4-1553408-9
			Single-mode OS2	Yellow	7-1553408-3
		Plenum	62.5/125 OM1	Orange	1-1553409-1
			50/125 OM2	Orange	1-1553409-2
			50/125 OM3	Aqua	3-1553409-9
			50/125 OM4	Aqua	4-1553409-9
			Single-mode OS2	Yellow	7-1553409-3
2	1.6mm Zipcord	Plenum	62.5/125 OM1	Orange	1-2193013-1
			50/125 OM2	Orange	1-2193013-2
			50/125 OM3	Aqua	3-2193013-9
			50/125 OM4	Aqua	4-2193013-9
			Single-mode OS2	Yellow	7-2193013-3



Fiber Optic Interconnect Cables (1 - 4 Fibers)



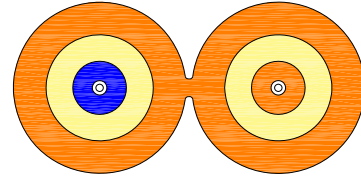
Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	2.0mm Zipcord	Riser	62.5/125 OM1	Orange	1-1553410-1
			50/125 OM2	Orange	1-1553410-2
			50/125 OM3	Aqua	3-1553410-9
			50/125 OM4	Aqua	4-1553410-9
			Single-mode OS2	Yellow	7-1553410-3
		Plenum	Orange	Orange	1-1553411-1
			Blue	Blue	1553411-1
			Green	Green	2-1553411-1
			Brown	Brown	3-1553411-1
			Slate	Slate	4-1553411-1
			62.5/125 OM1	Red	5-1553411-1
			Black	Black	6-1553411-1
			Yellow	Yellow	7-1553411-1
			Violet	Violet	8-1553411-1
			Rose	Rose	9-1553411-1
			Aqua	Aqua	1553411-9
		Plenum	Orange	Orange	1-1553411-2
			Blue	Blue	1553411-2
			Green	Green	2-1553411-2
			Brown	Brown	3-1553411-2
			Slate	Slate	4-1553411-2
			50/125 OM2	White	1-1553411-8
			Red	Red	5-1553411-2
			Black	Black	6-1553411-2
			Yellow	Yellow	7-1553411-2
			Violet	Violet	8-1553411-2
			Rose	Rose	9-1553411-2
			Aqua	Aqua	1-1553411-9
			Aqua	Aqua	3-1553411-9
			Blue	Blue	1553411-4
		Plenum	Orange	Orange	1-1553411-4
			Green	Green	2-1553411-4
			Brown	Brown	3-1553411-4
			50/125 OM3	Slate	4-1553411-4
			Red	Red	5-1553411-4
			Black	Black	6-1553411-4
			Yellow	Yellow	7-1553411-4
			Violet	Violet	8-1553411-4
			Rose	Rose	9-1553411-4
			Aqua	Aqua	4-1553411-9
		Plenum	Blue	Blue	1553411-5
			Orange	Orange	1-1553411-5
			Green	Green	2-1553411-5
			50/125 OM4	Brown	3-1553411-5
			Slate	Slate	4-1553411-5
			Red	Red	5-1553411-5
			Black	Black	6-1553411-5
			Yellow	Yellow	7-1553411-5
			Violet	Violet	8-1553411-5
			Rose	Rose	9-1553411-5
		Plenum	Yellow	Yellow	7-1553411-3
			Blue	Blue	1553411-3
			Orange	Orange	1-1553411-3
			Green	Green	2-1553411-3
			Brown	Brown	3-1553411-3
			Single-mode OS2	Slate	4-1553411-3
			Red	Red	5-1553411-3
			Black	Black	6-1553411-3
			Violet	Violet	8-1553411-3
			Rose	Rose	9-1553411-3
			Aqua	Aqua	2-1553411-9



Fiber Optic Interconnect Cables (1 - 4 Fibers)

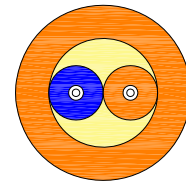


Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	2.9mm Zipcord	Riser	62.5/125 OM1	Orange	1-1553412-1
			50/125 OM2	Orange	1-1553412-2
			50/125 OM3	Aqua	3-1553412-9
			50/125 OM4	Aqua	4-1553412-9
			Single-mode OS2	Yellow	7-1553412-3
		Plenum	62.5/125 OM1	Orange	1-1553413-1
			50/125 OM2	Orange	1-1553413-2
			50/125 OM3	Aqua	3-1553413-9
			50/125 OM4	Aqua	4-1553413-9
			Single-mode OS2	Yellow	7-1553413-3



Dualan Part Numbers:

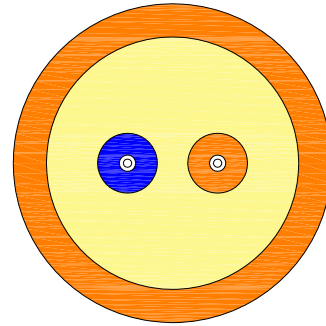
Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	2.9mm Dualan	Riser	62.5/125 OM1	Orange	1-1553414-1
			50/125 OM2	Orange	1-1553414-2
			50/125 OM3	Aqua	3-1553414-9
			50/125 OM4	Aqua	4-1553414-9
			Single-mode OS2	Yellow	7-1553414-3
			Orange	Orange	1-1553415-1
			Blue	Blue	1553415-1
			Green	Green	2-1553415-1
			Red	Red	5-1553415-1
			Black	Black	6-1553415-1
			Yellow	Yellow	7-1553415-1
		Plenum	50/125 OM2	Orange	1-1553415-2
			Aqua	Aqua	3-1553415-9
			Red	Red	5-1553415-4
			Black	Black	6-1553415-4
			Yellow	Yellow	7-1553415-4
			50/125 OM4	Aqua	4-1553415-9
			Single-mode OS2	Yellow	7-1553415-3



Fiber Optic Interconnect Cables (1 - 4 Fibers)



Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	4.8mm Dualan	Riser	62.5/125 OM1	Orange	1-1553416-1
				Blue	1553416-1
				Green	2-1553416-1
				Red	5-1553416-1
				Yellow	7-1553416-1
			50/125 OM2	Orange	1-1553416-2
				Blue	1553416-2
				Green	2-1553416-2
				Red	5-1553416-2
				Yellow	7-1553416-2
			50/125 OM3	Aqua	3-1553416-9
			50/125 OM4	Aqua	4-1553416-9
			Single-mode OS2	Yellow	7-1553416-3
				Orange	1-1553416-3
		Plenum	62.5/125 OM1	Orange	1-1553417-1
				Blue	1553417-1
				Green	2-1553417-1
				Slate	4-1553417-1
				Red	5-1553417-1
			50/125 OM2	Yellow	7-1553417-1
				Orange	1-1553417-2
				Blue	1553417-2
				Green	2-1553417-2
				Brown	3-1553417-2
				Slate	4-1553417-2
			50/125 OM3	White	1-1553417-8
				Red	5-1553417-2
				Black	6-1553417-2
				Yellow	7-1553417-2
				Violet	8-1553417-2
				Rose	9-1553417-2
				Aqua	1-1553417-9
				Aqua	3-1553417-9
			50/125 OM4	Blue	1553417-4
				Orange	1-1553417-4
				Green	2-1553417-4
				Slate	4-1553417-4
				White	3-1553417-8
				Red	5-1553417-4
				Black	6-1553417-4
				Yellow	7-1553417-4
			50/125 OM4	Aqua	4-1553417-9
			Single-mode OS2	Yellow	7-1553417-3

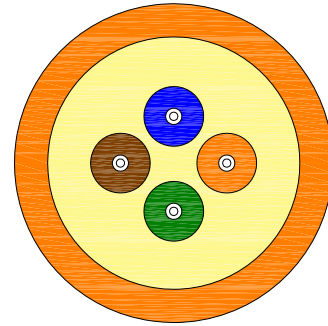


Fiber Optic Interconnect Cables (1 - 4 Fibers)



Quad Part Numbers:

Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
4	4.8mm Quad	Riser	62.5/125 OM1	Orange	1-1553418-1
				Blue	1553418-1
				Green	2-1553418-1
				Red	5-1553418-1
				Yellow	7-1553418-1
			50/125 OM2	Orange	1-1553418-2
				Blue	1553418-2
				Green	2-1553418-2
				Red	5-1553418-2
				Yellow	7-1553418-2
		Plenum	50/125 OM3	Aqua	3-1553418-9
			50/125 OM4	Aqua	4-1553418-9
			Single-mode OS2	Yellow	7-1553418-3
			62.5/125 OM1	Orange	1-1553419-1
				Blue	1553419-1
				Green	2-1553419-1
				Red	5-1553419-1
				Black	6-1553419-1
			50/125 OM2	Yellow	7-1553419-1
				Orange	1-1553419-2
				Blue	1553419-2
				Green	2-1553419-2
				Red	5-1553419-2
			50/125 OM3	Yellow	7-1553419-2
				Aqua	3-1553419-9
				Red	5-1553419-4
			50/125 OM4	Aqua	4-1553419-9
			Single-mode OS2	Yellow	7-1553419-3



Fiber Optic Interconnect Cables (1 - 4 Fibers)



Performance Specifications:

AMP NETCONNECT interconnect cables are designed and tested in accordance with TIA 568, ISO 11801, ICEA 596, Telcordia GR-409-CORE and UL 1666/901. Performance specifications are measured in accordance with the Fiber Optic Test Procedures (EIA/TIA-455 documents) and the test procedures of IEC 60793 and IEC 60794.

Mechanical Specifications:

Cable Construction	Flame Rating	O.D. mm (in)	Minimum Bend Radius		Nominal Weight kg/km (lbs/1000ft)	Rated Tensile Load	
			Install mm (in)	Long Term mm (in)		Install N (lbf)	Long Term N (lbf)
2.0mm Simplex	OFNR	2.0±0.15 (0.08±.01)	50 (1.97)	25 (0.98)	5 (3)	40 (9)	12 (3)
	OFNP	2.0±0.15 (0.08±.01)	50 (1.97)	25 (0.98)	6 (4)	40 (9)	12 (3)
2.9mm Simplex	OFNR	2.9±0.15 (0.11±.01)	58 (2.3)	29 (1.1)	8 (5)	100 (22)	30 (7)
	OFNP	2.9±0.15 (0.11±.01)	58 (2.3)	29 (1.1)	9 (6)	100 (22)	30 (7)
1.6mm Zipcord	OFNP	1.6+0.20/-0.10 x 3.375±0.375 (0.06+0.007/-0.004 x 0.13±.015)	50 (1.97)	25 (0.98)	6 (4)	40 (9)	12 (3)
2.0mm Zipcord	OFNR	2.0±0.15 x 4.1±0.3 (0.08±.01/- x 0.16±.01)	50 (1.97)	25 (0.98)	8 (5)	40 (9)	12 (3)
	OFNP	2.0±0.15 x 4.1±0.3 (0.08±.01 x 0.16±.01)	50 (1.97)	25 (0.98)	10 (7)	40 (9)	12 (3)
2.9mm Zipcord	OFNR	2.9±0.15 x 5.9±0.3 (0.11±.01 x 0.23±.01)	58 (2.3)	29 (1.1)	15 (10)	100 (22)	30 (7)
	OFNP	2.9±0.15 x 5.9±0.3 (0.11±.01 x 0.23±.01)	58 (2.3)	29 (1.1)	15 (10)	100 (22)	30 (7)
2.9mm Dualan	OFNR	2.9±0.2 (0.11±.01)	57 (2.2)	29 (1.1)	7 (5)	100 (22)	30 (7)
	OFNP	2.9±0.2 (0.11±.01)	57 (2.2)	29 (1.1)	9 (6)	100 (22)	30 (7)
4.8mm Dualan	OFNR	4.8±0.25 (0.19±.01)	96 (3.8)	48 (1.9)	20 (13)	100 (22)	30 (7)
	OFNP	4.8±0.25 (0.19±.01)	96 (3.8)	48 (1.9)	30 (20)	100 (22)	30 (7)
4.8mm Quad	OFNR	4.8±0.25 (0.19±.01)	96 (3.8)	48 (1.9)	25 (17)	100 (22)	30 (7)
	OFNP	4.8±0.25 (0.19±.01)	96 (3.8)	48 (1.9)	30 (20)	100 (22)	30 (7)

Fiber Optic Interconnect Cables (1 - 4 Fibers)



Performance Characteristics:

	62.5/125µm (850nm/1300nm)	50/125µm (850nm/1300nm)	50/125µm OM3 (850nm/1300nm)	50/125µm OM4 (850nm/1300nm)	Single-mode OS2 (1310nm/1550nm)
Maximum Attenuation	3.5/1.2 dB/km	3.5/1.5 dB/km	3.2/1.2 dB/km	3.2/1.2 dB/km	0.5/0.5dB/km
OFL Bandwidth	200/500 MHz-km	500/500 MHz-km	1500/500 MHz-km	3500/500 MHz-km	Not Applicable
850nm Effective Modal Bandwidth	Not Applicable	Not Applicable	2000 MHz-km	4700 MHz-km	Not Applicable
10 Gigabit Ethernet at 850nm Maximum Distance	33m	82m	300m	550m	Not Applicable
Fiber Specification	TIA-492AAAA IEC 60793-2-10 A1b	TIA-492AAAB IEC 60793-2-10 A1a.1	TIA-492AAAC IEC 60793-2-10 A1a.2	TIA-492AAD IEC 60793-2-10 A1a.3	TIA-492CAAB ITU-T G.652.D

Temperature Ratings:

UL/NEC Rating	Installation	Operation	Storage/Shipping
Plenum (OFNP)	0°C to +60°C (+32°F to +140°F)	0°C to +70°C (+32°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Riser (OFNR)	-10°C to +60°C (14°F to +140°F)		

U.S.A. 1-800-553-0938
Canada 905-475-6222
Mexico 52-55-1106-0800
South and Central Americas 54-11-4733-2200
On the web: <http://www.ampnetconnect.com/>



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