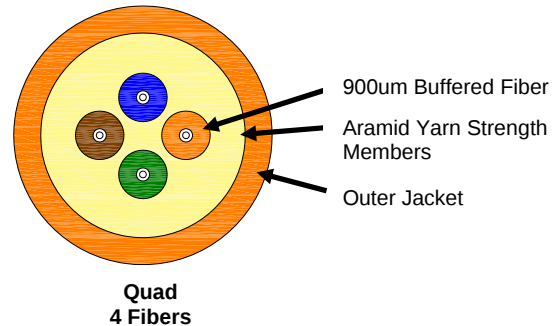
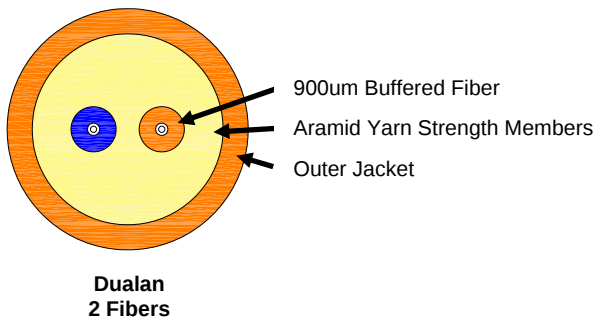
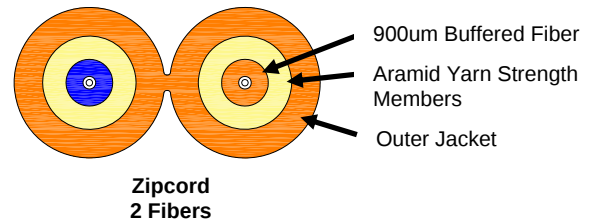


Fiber Optic Interconnect Cables



Description:

TE Connectivity simplex and zipcord interconnect cables are designed for use in jumpers and pigtails. 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. All fiber types other than OM1 are bend insensitive.

Standards Compliance:

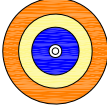
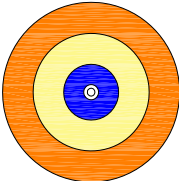
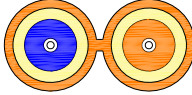
TE Connectivity cables are designed and tested to conform to the fiber and cable performance requirements of TIA 568, ISO 11801, Telcordia GR-409-CORE and ICEA-596 Standards. All cables have UL or ETL fire safety listings to either OFNR (UL-1666/CSA FT4) or OFNP (NFPA-262/UL 910/CSA FT6).

Cable Print:

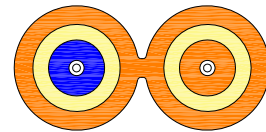
Cables will be marked every two feet with:

TE CONNECTIVITY < cable type > < fiber type > MM/YY SO< shop order number > XXXXX FEET
--

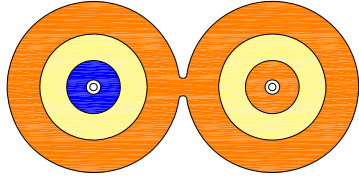
Simplex and Zipcord Part Numbers:

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 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
			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	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
			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	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
			Orange	Orange	1-1553411-4
		Plenum	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
			Blue	Blue	1553411-5
		50/125 OM4	Orange	Orange	1-1553411-5
			Green	Green	2-1553411-5
			Brown	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
			Yellow	Yellow	7-1553411-3
		Single-mode OS2	Blue	Blue	1553411-3
			Orange	Orange	1-1553411-3
			Green	Green	2-1553411-3
			Brown	Brown	3-1553411-3
			Slate	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

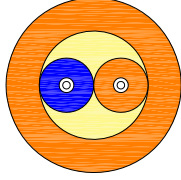


Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	2.9mm Zipcord	Riser	62.5/125 OM1	Orange	1-1553412-1
			50/125 OM2	Orange	1-1553412-2
			50/125 OM3	Aqua	3-1553412-9
			50/125 OM4	Aqua	4-1553412-9
			Single-mode OS2	Yellow	7-1553412-3
		Plenum	62.5/125 OM1	Orange	1-1553413-1
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

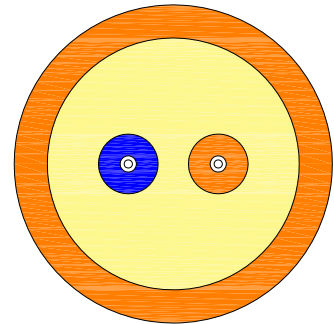


Dualan Part Numbers:

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
		Plenum	Orange	Orange	1-1553415-1
			Blue	Blue	1553415-1
			Green	Green	2-1553415-1
			62.5/125 OM1	Slate	4-1553415-1
				Red	5-1553415-1
				Black	6-1553415-1
				Yellow	7-1553415-1
			50/125 OM2	Orange	1-1553415-2
				Aqua	3-1553415-9
				Blue	1553415-4
				Green	2-1553415-4
				White	3-1553415-8
			50/125 OM3	Red	5-1553415-4
				Black	6-1553415-4
				Yellow	7-1553415-4
				Violet	8-1553415-4
				Rose	9-1553415-4
			50/125 OM4	Aqua	4-1553415-9
			Single-mode OS2	Yellow	7-1553415-3

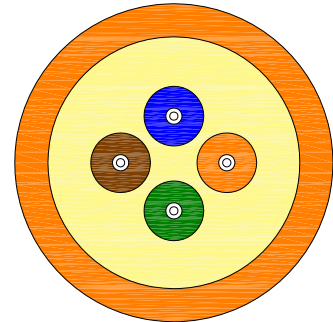


Fiber Count	Cable Type	Flame Rating	Fiber Type	Jacket Color	Part Number
2	4.8mm Dualan	Riser	62.5/125 OM1	Orange	1-1553416-1
				Blue	1553416-1
				Green	2-1553416-1
				Red	5-1553416-1
				Yellow	7-1553416-1
			50/125 OM2	Orange	1-1553416-2
				Blue	1553416-2
				Green	2-1553416-2
				Red	5-1553416-2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



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
			50/125 OM3	Aqua	3-1553418-9
			50/125 OM4	Aqua	4-1553418-9
			Single-mode OS2	Yellow	7-1553418-3
		Plenum	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
				Yellow	7-1553419-2
			50/125 OM3	Aqua	3-1553419-9
			50/125 OM4	Orange	1-1553419-4
				Red	5-1553419-4
			Single-mode OS2	Aqua	4-1553419-9
				Black	6-1553419-5
			Single-mode OS2	Yellow	7-1553419-3



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)

Performance Characteristics:

	62.5/125 µm OM1 (850nm/1300nm)	Bend Insensitive 50/125 µm OM2 (850nm/1300nm)	Bend Insensitive OM3 (850nm/1300nm)	Bend Insensitive OM4 (850nm/1300nm)	Bend Insensitive Single-mode OS2 (1310nm/1550nm)
Maximum Cable Attenuation	3.5/1.2 dB/km	3.5/1.5 dB/km	3.0/1.0 dB/km	3.0/1.0 dB/km	0.4/0.3dB/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-492AAAD IEC 60793-2-10 A1a.3	ITU-T G.657.A2

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)		



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.