

Optical Cable Overview

Features

Depending on the application different cable constructions are used. In general there are indoor and outdoor cables available. The standard fiber is a SI200 with a numerical aperture of 0.37. Costimized other fibers are also possible.





The indoor cable have an outer diameter of 2.2 mm, 2.5 mm or 3.0 mm. The outdoor cable are available with 2, 4, or 6 fibers. The diameter of the subunits are standard 2.2 mm.





Application



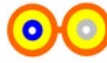
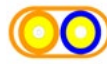


- Patchcord cable
- Point-to-point
- Internal wiring
- Fan-outs
- Backbone in LAN's

Simplex Cables






Construction	Application	Fiber type	Dimension		Outer jacket material	Channel number	Temperature rating	Part number
			Cable diameter	Sub Unit				
	Indoor	SI 200/230	3.0		PUR orange	1	-20 °C ~ +80 °C	3005785
	Indoor	SI 300/330	3.0		PUR black	1	-20 °C ~ +80 °C	3005295
	Indoor	SI 400/430	3.0		PUR orange	1	-20 °C ~ +80 °C	3003795
	Indoor	SI 600/630	3.0		PUR black	1	-20 °C ~ +80 °C	3006364

Construction	Application	Fiber type	Dimension		Outer jacket material	Channel number	Temperature rating	Part number
			Cable diameter	Sub Unit				
	Indoor	SI 200/230	2.2		PVC (OFNR) blue	1	-20 °C ~ +60 °C	3004728
	Indoor	SI 200/230	2.5		PVC orange	1	-20 °C ~ +60 °C	3002748

Zipcord Cables

Construction	Application	Fiber type	Dimension		Outer jacket material	Channel number	Temperature rating	Part number
			Cable diameter	Sub Unit				
	Indoor	SI 200/230	4.6 x 2.2		PVC (OFNP) blue	2	-20 °C ~ +60 °C	3004985
	Indoor	SI 200/230	4.6 x 2.2		PVC (OFNR) blue	2	-20 °C ~ +60 °C	3003787
	Indoor	SI 200/230	(5.2 ± 0.4) x (2.5 ± 0.2)		LSZH orange	2	20 °C ~ +70 °C	3003823
	Indoor	SI 200/230	5.4 x 3.2	2.2	PVC orange	2	-20 °C ~ +60 °C	3003785
	Indoor/outdoor	SI 200/230	8.0	2.2	LSZH black	2	-20 °C ~ +60 °C	3003788
	Indoor/outdoor	SI 200/230	8.4	2.2	PVC black	2	-20 °C ~ +60 °C	3003786

Breakout Cables

Construction	Application	Fiber type	Dimension		Outer jacket material	Channel number	Temperature rating	Part number
			Cable diameter	Sub Unit				
	Indoor/out-door	SI 200/230	8.0	2.2	LSZH black	2	-20 °C ~ +60 °C	3003788
	Indoor/out-door	SI 200/230	8.4	2.2	PVC black	2	-20 °C ~ +60 °C	3003786
	Indoor/out-door	SI 200/230	7.5	2.2	PVC black	2	-20 °C ~ +60 °C	3003789
	Indoor/out-door	SI 200/230	7.5	2.2	PVC black	4	-20 °C ~ +60 °C	3004986
	Indoor/out-door	SI 200/230	8.7	2.2	PVC black	6	-20 °C ~ +60 °C	3006178