

Simplex Cord Duplex Cord



OCYP**001^^ (Simplex)

OEYP**002^^ (Duplex)

** Denotes fibre type

10 = S/mode OS1

1C = S/mode G652.d (Zero Water Peak)

62 = M/mode 62.5um, OM1

50 = M/mode 50um, OM2

53 = M/mode 50um, OM3

^^ Denotes sheath colour

YW = Yellow (Standard S/mode OS1 colour)

VT = Violet (Standard S/mode G652.d, ZWP colour)

GY = Grey (Standard M/mode 62.5um, OM1 colour)

OE = Orange (Standard M/mode 50um, OM2 colour)

AA = Aqua (Standard M/mode 50um, Om3 colour)

Description

Optimal Cord Cables are used for patch leads and interconnects. They feature a high resistance to bending loss and provide excellent transmission. They are available in single cord (Simplex) or two cords joined in a figure 8 type construction (Duplex) which is designed to peel apart for ease of connection.

Construction

Simplex and Duplex cords are constructed from 900 micron tight buffered fibres, individually strengthened and protected by aramid yarn contained within an individual PVC or LSZH sheath of a nominal 2.8mm OD.

Options available

* Different colour sheaths are available to those indicated as a standard for the particular fibre type.

* 1.6mm or 2.0mm sheath OD is available (Subject to MOQ).

* Low Smoke, Zero Halogen sheath is available (Subject to MOQ).

Part No. 3mm PVC sheath	Standard sheath colour Options are available	No of fibres	Fibre Type	Nom. O.D. (mm)	Nom. Weight Kg/Km	Min. Bending Radius (mm)		Max. Attenuation dB/Km		
						No load	Full load	850nm	1310nm	1550nm
OCYP10AA001YW	YELLOW	1	Single Mode G652 (OS1)	2.8	9.5	10xOD	20xOD	-	0.35	0.22
OCYP1CAA001VT	VIOLET	1	Single Mode G652.d (ZWP)	2.8	9.5	10xOD	20xOD	-	0.34	0.21
OCYP62AA001GY	GREY	1	Multi Mode 62.5um (OM1)	2.8	9.5	10xOD	20xOD	3.0	1.0	-
OCYP50AA001OE	ORANGE	1	Multi Mode 50um (OM2)	2.8	9.5	10xOD	20xOD	3.0	1.0	-
OCAP53AA001AA	AQUA	1	Multi Mode 50um (OM3)	2.8	9.5	10xOD	20xOD	3.0	1.0	-
						10xOD	20xOD			
OEYP10AA002YW	YELLOW	2	Single Mode G652 (OS1)	2 x 2.8	20	10xOD	20xOD	-	0.35	0.22
OEYP1CAA002VT	VIOLET	2	Single Mode G652.d (ZWP)	2 x 2.8	20	10xOD	20xOD	-	0.34	0.21
OEYP62AA002GY	GREY	2	Multi mode 62.5um (OM1)	2 x 2.8	20	10xOD	20xOD	3.0	1.0	-
OEYP50AA002OE	ORANGE	2	Multi mode 50um (OM2)	2 x 2.8	20	10xOD	20xOD	3.0	1.0	-
OEYP53AA002AA	AQUA	2	Multi mode 50um (OM3)	2 x 2.8	20	10xOD	20xOD	3.0	1.0	-

Note - Designs are subject to continual improvement and may change. Contact Optimal for latest information