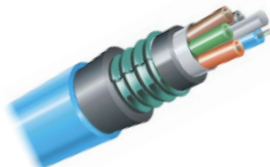
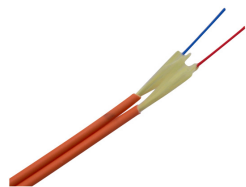




# FIBRE SELECTION GUIDE

## Cut to Length Cables



Cable Type	Duplex Patch Cord	Indoor/Outdoor Riser	Mil Tac Riser	Loose Tube	Loose Tube Sac Sheath	Loose Tube Armoured
Install Environment	Inside racks, cabinets, enclosures, etc	Indoor or Outdoor on cable tray, catenary wire or in conduit above ground	Indoor or Outdoor on cable tray, catenary wire or in conduit above ground	Outdoor and underground, either in conduit or direct buried	Outdoor and underground, either in conduit or direct buried	Outdoor and underground, either in conduit or direct buried
Key Features						
LSZH	Yes	Yes	Yes	No	No	No
UV stabilised	No	Yes	Yes	Yes	Yes	Yes
Gel Filled	No	No	No	Yes	Yes	Yes
Termite/Insect Resistant	No	No	No	Yes	Yes	Yes
Rodent Resistant	No	No	No	No	No	Yes
Mode	Distance and Supported Application - Applies to all Cable Types					
Multimode	Gigabit Ethernet @ 850nm wavelength		Gigabit Ethernet @ 1300nm wavelength		Serial 10 Gigabit @ 1300nm wavelength	
OM1 62.5 µm	300 metres		550 metres		33 metres	
OM3 50 µm	1000 metres		600 metres		300 metres	
OM4 50 µm	1000 metres		600 metres		550 metres	
Singlemode	Gigabit Ethernet @ 1310nm wavelength		Gigabit Ethernet @ 1550nm wavelength		Serial 10 Gigabit @ 1550nm wavelength	
SM OS1/OS2 9 µm	5 - 40 km		~ 70 km		~ 40 km	
Number of Cores	2	2 ~ 48	2 ~ 48	6+	6+	6+
Length						
Part # Examples	CAB-D3.0-MM-OR	CAB-IOR-12-SM-YL	CAB-IORM-06-MM3	CAB-LT-24-SM	CAB-LT-24-SMSS	CAB-LT-24-SMCST
	[OM1 3mm Orange Jacket]	[SM 12F Yellow Jacket]	[OM3 6F Black Jacket]	[SM 24F]	[SM 24F Sac Sheath]	[SM 24F CST Armour]