FIBRE SELECTION GUIDE
Pre-terminated Cables

MSS DATA SOLUTIONS

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+
Connector Types	FC	LC	SC	SCA		ST
Connector Type End A						
Connector Type End B						
Length						