

Indoor/Outdoor Micro Cable Sub-unitised Fibre Optic Cable

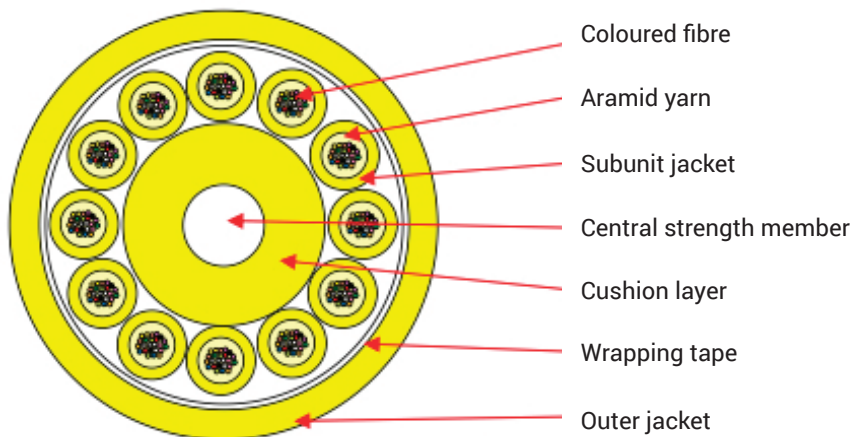
KEY FEATURES

- Tight buffer fibres housed in cable
- Aramid yarns applied as strength member
- Complies to 9001, ISO 14001 and ROHS
- Compatible with field terminable connectors
- Lightweight and compact

APPLICATIONS

- Building backbone application
- Data centre

Cable Structure



Structure Parameter

ITEM	CONTENTS	UNIT	VALUE
OPTICAL FIBRE	Number	–	288
CABLE STRUCTURE	–	–	1 + 12
FIBRE COUNTS PER SUBUNIT	Count	–	24
FIBRE TYPE	–	–	YOFC G657A1
FIBRE COLOUR	–	–	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua, Blue*, Orange*, Green*, Brown*, Grey*, White*, Red*, Nature*, Yellow*, Violet*, Pink*, Aqua* (*is Colour ring)
SUBUNIT JACKET	Diameter	mm	3.0±0.1
	Material	–	LSZH
	Colour	–	Yellow
	Thickness	–	0.5±0.05mm
	Strength member	–	Aramid yarn
CENTRAL STRENGTH MEMBER	Material	–	FRP
	Diameter	mm	1.6±0.1
	LSZH Cushion	mm	8.3±0.3
	Colour	–	Yellow
WRAP	Material	–	Wrapping tape
OUTER SHEATH	Material	–	15.0 18.5 21.7 26.7 17.5
	Colour	–	Yellow
	Thickness	–	1.5±0.2
CABLE DIAMETER	–	mm	17.5±1.5
CABLE ATTENUATION	–	dB/km	≤0.4 at 1310nm, ≤0.3 at

Characteristic of Optical Cable

ITEM	CONTENTS	VALUE
MAX ALLOWABLE TENSILE (N)	Short term	2400
	Long term	1000
MAX. CRUSH RESISTANCE (N/100MM)	Short term	2300
	Long term	1000
MIN. BENDING RADIUS	Installation	20 x cable diameter
	Operation	10 x cable diameter
TEMPERATURE RANGE	Operation	-20°C~ + 70°C
	Storage/transportation	-20°C ~ + 70°C