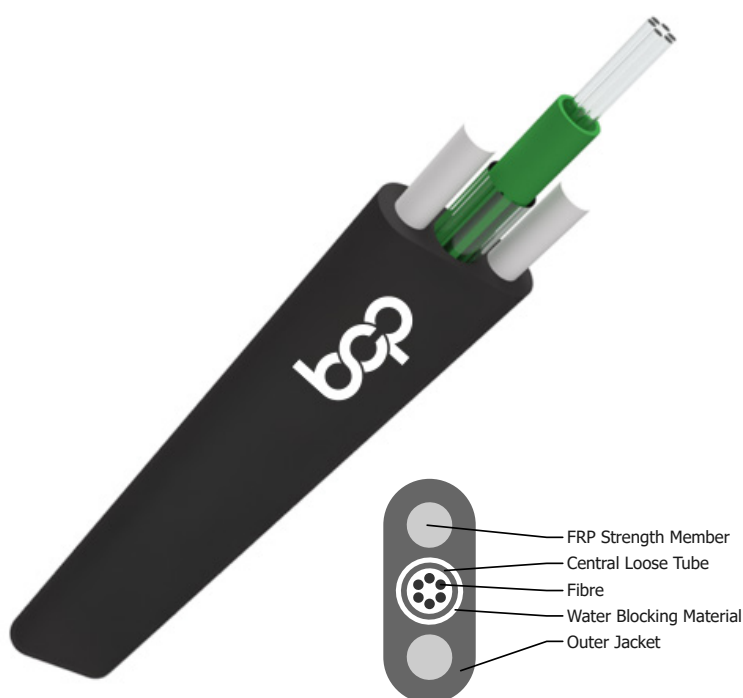




Product Description

BCP® offers a wide range of indoor and outdoor fibre optic distribution, patching and consumer cables including Plenum, Riser and LSZH in all diameters. These are used to provide links to protocols such as FTTH, FDDI, 10 Gigabit Ethernet, ATM.

Features & Benefits

- Flat loose tube
- For outdoor use
- Water, flame and rodent resistant
- Available in many colours

Applications

- CATV - Cable television
- Fibre-To-The-Home (FTTH)
- ODFs to wall outlets, wall outlets to desk



Technical Specifications

Outer Sheath	PE
Fibre Count	1-12
Outer Diameter (mm)	7.5 ± 0.3 × 4.2 ± 0.2
Max Tensile Strength (N)	1500
Min. Bend Radius (mm)	
Dynamic	20D
Static	10D
Max Crush Resistance (N/10cm)	2000 (long term 1000N)
Operating Temp. (°C)	-40 to 70
Attenuation (max. dB/km)	
1310nm	≤0.36
1550nm	≤0.22
Strength members	2mm x 2 FRP



Mechanical and Environmental Characteristics

Items	Unit	Specification
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/cm	1000
Crush (Short Term)	N/cm	2000
Installation Temperature	°C	-20 ~ +60
Operating Temperature	°C	-40 ~ +70
Storage Temperature	°C	-40 ~+70

Cable Parameters

Items	Specification	
Coloured Coating Fibre	Dimension Colour	250±15µm Blue, orange, green, brown, grey, natural, red, black, yellow, purple, pink, aqua
Loose Tube	Dimension Material Colour	1.95mm±0.05mm PBT Natural
Strength Member	Dimension Material Colour	2.0mm FRP Natural
Outer Jacket	Dimension Material Colour	7.5±0.3mm x 4.2±0.2mm PE Black

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Cable Type		No of Fibres		Additional*	
ULSTA	Uni Loose-Tube Steel Tape Armoured	C1	1 FO	DY	Dry
		C2	2 FO	2W	2 Wires
		C3	3 FO	FI	Flat Inside Round
MTSTA	Multi Loose-Tube Steel Tape Armoured	C6	6 FO	SM	Steel Wire Messenger
		C7	7 FO	FRPM	FRP Messenger
		C9	9 FO	FRPMF8	Figure 8 FRP Messenger
MTDSTS	Multi Loose-Tube Double Steel Tape Armoured & Sheath	C10	10 FO	FRP2	FRP x 2
		C11	11 FO	FCM	FRP Central Strength Member
		C12	12 FO	SCM	Steel Central Strength Member
MLNA	Multi Loose-Tube No metal	C72	24 FO		
		C48	48 FO		
		C72	72 FO		
ULNA	Uni Loose-Tube No Metal	C96	96 FO		
		C144	144 FO		
		C288	288 FO		
MTLAT	Multi Loose Laminated Aluminium Tape				
ULLAT	Single Loose-Tube Laminated Aluminium Tape				
▲		▲		▲	
ULNA	S2	C12	PE	FRP2	
	▼		▼		
G657A1	A1	HDPE	HD		
G657B3	B3	PVC	PV		
OM1	M1	LSZH	LS		
OM2	M2	Polyethylene	PE		
OM3	M3	LDPE	LD		
OM4	M4	Double Jacket PE/PVC	DJ		
OS1	S1	Double Jacket HDPE	DJHD		
OS2	S2	Single Jacket HDPE	SJHD		
		Single Jacket PE	SJPE		
Fibre Type		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
BCP All-Dielectric Flat Cable Central Loose Tubes 12 Cores 2×FRP PE	B/ULNAS2C12PEFRP2