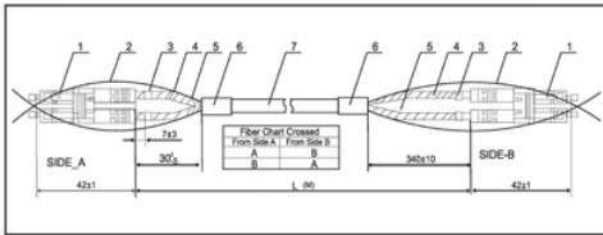
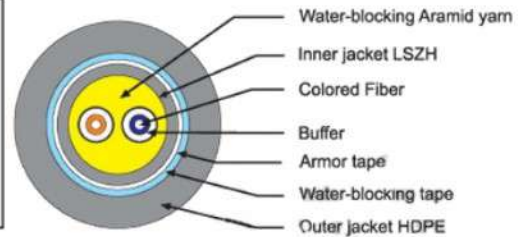


LC-PC TO LC-PC MULTI MODE DUPLEX CPR1 armoured optical fiber assembly outdoor for *Ericsson BTS*



All dimensions are in mm:



PRODUCT DETAILS

- Ruggedized sealing system designed for FTTA and industrial applications, ensuring durability in harsh environments.
- Open bulkhead design with duplex LC interface allows easy SFP access and efficient connectivity.
- Bayonet locking mechanism with positive mechanical feedback ensures quick, secure, and reliable mating.

TECHNICAL SPECIFICATIONS

S.No.	Description	
Parts		
1	Connector A	LC-PC DX, Multi Mode
2	Connector B	LC-PC DX, Multi Mode
3	Cable	4.8mm Armored Cable, HDPE, Black, OM2 Fiber
4	Grounding Kit	Grounding wire 6 sqmmBV black wire, length 1200mm, contact resistance $\leq 5m\Omega$, copper Lug for 6sqmm cable, Plain washer, spring washer, nut M5 and Bolt M8*20 (material code: SS-202)
Optical Data		
1	Cable Fiber	9/125um Optical Fiber
2	Fiber Count	2 fibers
3	Cable Attenuation	$\leq 0.4db/km @ 1310nm$ $\leq 0.3db/km @ 1550nm$
Assembly		
1	Insertion Loss	Max. 0.30 @ 1310nm Max. 0.30 @ 1550nm
2	Return Loss	Min. 50db
Mechanical Data		
1	Mating Durability (Connector)	1000 cycles
2	Cable crush (Assembly)	Max 1000N/10mm No Broken, $IL \leq 0.5db$
3	Minimum bending radius (FO Cable)	Installation: 50mm; Operation: 35mm
4	Tensile Strength	Max 800N during installation & 500N during service
5	Impact Resistance	5Nm
6	Torsion	$\pm 180^\circ$
Environmental Data		
1	Temperature range - Operation	-40°C to +80°C
2	Temperature range - Storage	-40°C to +80°C
3	Temperature range - Installation	-20°C to +80°C
Others		
1	Length	cm
2	Packaging	As per customer requirement
3	Guarantee	10 years

Tight Buffer	Dia	0.9±0.05mm
Strength Member	Material	Aramid Yarn (water Blocking)
Water Blocking	Material	Water Blocking Tape
Armor Tape	Material	Corrugated SS Spiral Tape
Outer Jacket	Color	Black
	Dia	4.8 ±0.1 mm