

# FIBER INTERCONNECT PRODUCTS



## Double Jacket Single Armor Loose Tube Cable

### Description / Applications

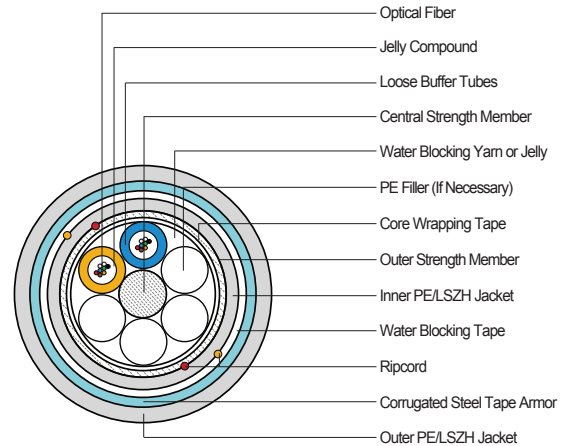
- Double jacket single armor loose tube fiber optic cable provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- The cable offers durability and flexibility required for many outside plant uses where added compressive strength, rodent resistance
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

### Specifications

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 60332-1, 3
- IEEE 383

### Color of Fiber

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



### Mechanical Characteristics

Storage Temperature : -40 to +75 °C / Operating Temperature : -20 to +70°C

Fiber Count	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius Loaded / Installed			
	[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term [N]	Long Term [N]	Short Term [lb]	Long Term [lb]	Short Term [N/cm]	Long Term [N/cm]	Short Term [lb/inch]	Long Term [lb/inch]	cm	inch	cm	inch
6	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
12	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
24	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
36	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
48	15.2	0.60	212/290	142/195	2,700	125	1,000	46	220	125	110	63	30.4	11.97	15.2	5.98
72	15.2	0.60	212/290	142/195	2,700	125	1,000	46	220	125	110	63	30.4	11.97	15.2	5.98
96	16.3	0.64	242/332	162/223	2,700	125	1,000	46	220	125	110	63	32.6	12.83	16.3	6.42
120	17.8	0.70	280/384	188/258	2,700	125	1,000	46	220	125	110	63	35.6	14.02	17.8	7.01
144	19.2	0.76	320/438	215/294	2,700	125	1,000	46	220	125	110	63	38.4	15.12	19.2	7.56
228	20.0	0.79	340/466	228/313	2,700	125	1,000	46	220	125	110	63	40.0	15.75	20.0	7.87
276	21.2	0.83	384/526	258/353	2,700	125	1,000	46	220	125	110	63	42.4	16.69	21.2	8.35
300	21.9	0.86	407/558	273/374	2,700	125	1,000	46	220	125	110	63	43.8	17.24	21.9	8.62

### Ordering Information

FC-XXX-MLT-DJSA-YYY-LZ  
FC-XXX-MLT-DJSA-YYY-PE

XXX : OS1, OM1, OM2, OM3  
YYY : Number of Cores

Standard Reel Length 4000m

\*Other Cable lengths may be available upon request