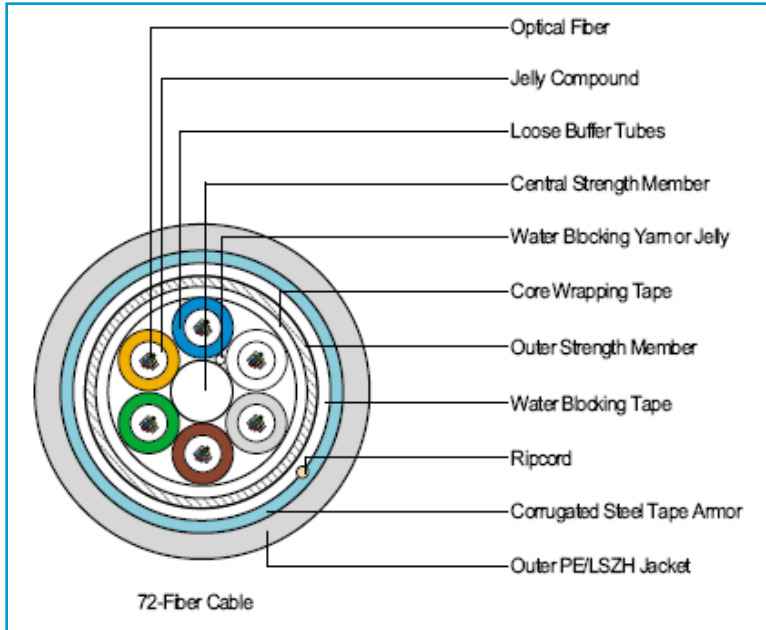




Fiber Optic Multi Loose Tube Cable Single Jacket Single Armor Loose Tube Cable



Description/Applications:

- Single 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

Specification:

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 332-1,3
- IEEE 383

Colour Identification:

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



ORNET



Mechanical Characteristics:

Storage Temperature : -40 to + 70°C / Operating Temperature : -10 to + 70°C

| Fiber Count | LSC Part Number | Nominal* Outer diameter | | Nominal* Weight | | Maximum Tensile Load | | | | Crush Load | | | | Minimum Bend Radius | | | |
|-------------|-------------------|-------------------------|--------|-----------------|--------------|----------------------|---------------|-----------------|----------------|-------------------|------------------|----------------------|---------------------|---------------------|----------------|---------------|------------------|
| | | [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] | Loaded [cm] | Installed [cm] | Loaded [inch] | Installed [inch] |
| 6 | LT-□JB□S□□/□□-06 | 12.7 | 0.50 | 157/215 | 105/144 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 25.4 | 10.00 | 12.7 | 5.00 |
| 12 | LT-□JB□S□□/□□-12 | 12.7 | 0.50 | 157/215 | 105/144 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 25.4 | 10.00 | 12.7 | 5.00 |
| 24 | LT-□JB□S□□/□□-24 | 12.7 | 0.50 | 157/215 | 105/144 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 25.4 | 10.00 | 12.7 | 5.00 |
| 36 | LT-□JB□S□□/□□-36 | 12.7 | 0.50 | 157/215 | 105/144 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 25.4 | 10.00 | 12.7 | 5.00 |
| 48 | LT-□JB□S□□/□□-48 | 13.2 | 0.52 | 163/223 | 109/150 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 26.4 | 10.39 | 13.2 | 5.20 |
| 72 | LT-□JB□S□□/□□-72 | 13.2 | 0.52 | 163/223 | 109/150 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 26.4 | 10.39 | 13.2 | 5.20 |
| 96 | LT-□JB□S□□/□□-96 | 14.3 | 0.56 | 190/260 | 128/175 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 28.6 | 11.26 | 14.3 | 5.63 |
| 120 | LT-□JB□S□□/□□-120 | 15.8 | 0.62 | 225/308 | 151/207 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 31.6 | 12.44 | 15.8 | 6.22 |
| 144 | LT-□JB□S□□/□□-144 | 17.2 | 0.68 | 260/356 | 175/239 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 34.4 | 13.54 | 17.2 | 6.77 |
| 228 | LT-□JB□S□□/□□-228 | 18.0 | 0.71 | 279/382 | 187/257 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 36.0 | 14.17 | 18.0 | 7.09 |
| 276 | LT-□JB□S□□/□□-276 | 19.2 | 0.76 | 319/437 | 214/293 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 38.4 | 15.12 | 19.2 | 7.56 |
| 300 | LT-□JB□S□□/□□-300 | 19.9 | 0.78 | 340/466 | 228/313 | 2,700 | 125 | 1,000 | 46 | 220 | 125 | 110 | 63 | 39.8 | 15.67 | 19.9 | 7.83 |

*Denotes nominal value for PE / LSZH Jacketed Cable.

