



TT (Transit Grade) Distribution Metal Armor - Plenum

Revision Number: 1 Revision Date: 12.08.22



- NFPA 130/502 Compliant
- Plenum

| Temperature Range | | | | | |
|-------------------|----------------|--|--|--|--|
| Operating | -40°C to +70°C | | | | |
| Storage | -40°C to +70°C | | | | |
| Installation | -10ºC to +60ºC | | | | |

Standards:

- NFPA 130/502
- TIA/EIA-568.3-D
- NEC/CEC OFCP/OFCP FT6
- ICEA S-104-696
- ROHS II 2011/65/EU
- REACH EC1907-2006

| Glass Type | Fiber Grade Code | Subunit Color | Operating Wavelength (nm) | Max Attenuation (dB/km) | Min. OFL Bandwidth (MHz-km) | Min. Laser Bandwidth (MHz-km) | 1 Gigabit Ethernet Min. Link Length (meters) | 10 Gigabit Ethernet Min. Link Length (meters) |
|-----------------------------------|------------------------|------------------|---------------------------------|-------------------------------|-----------------------------------|-------------------------------------|--|---|
| OS2 - Single Mode | S | Yellow | 1310/1550 | 0.5/0.5 | - | - | 5,000/- | 10,000/40,000 |
| OM1 – 62.5/125mm Multi-Mode | 1 | Orange | 850/1300 | 3.5/1.25 | 200/500 | 220/500 | 300/550 | 33/- |
| OM3 - 50/125mm Multi-Mode | 3 | Aqua | 850/1300 | 3.0/1.0 | 1500/500 | 2000/- | 1000/550 | 300/- |
| OM4 - 50/125mm Multi-Mode | 4 | Erika Violet | 850/1300 | 3.0/1.0 | 3500/500 | 4700/- | 1100/550 | 550/- |
| OM5 - 50/125mm Multi-Mode | 5 | Lime | 850/1300 | 3.0/1.0 | 3500/500 | 4700/- | 1100/550 | 550/- |

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| | Double Jacket, Aluminum Interlocked Armor | | | | | | | | | | |
|----------------|---|-----------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|----------------------------------|--|--|--|--|
| Fiber Count | Part Number Substitute (*) with Fiber Grade | Nom. Jacket Dia. in (mm) | Weight Ibs/1000ft (kg/km) | Max. Install Load lbf (N) | Max. Long Term Load Ibf (N) | Min. Bend Radius Load | Min. Long Term Bend Radius | | | | |
| 2 | TT-*D9-002-PINN | 0.431 (11.0) | 78 (117) | 150 (600) | 45 (200) | 20x Cable OD | 10x Cable OD | | | | |
| 4 | TT-*D9-004-PINN | 0.431 (11.0) | 79 (118) | 150 (600) | 45 (200) | 20x Cable OD | 10x Cable OD | | | | |
| 6 | TT-*D9-006-PINN | 0.440 (11.2) | 103 (154) | 150 (600) | 45 (200) | 20x Cable OD | 10x Cable OD | | | | |
| 8 | TT-*D9-008-PINN | 0.481 (12.2) | 106 (158) | 150 (600) | 45 (200) | 20x Cable OD | 10x Cable OD | | | | |
| 12 | TT-*D9-012-PINN | 0.506 (12.9) | 108 (161) | 150 (600) | 45 (200) | 20x Cable OD | 10x Cable OD | | | | |
| 24 | TT-*DK-024-PINN | 0.590 (14.7) | 150 (223) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |
| 36 | TT-*DK-036-PINN | 0.971 (24.7) | 162 (241) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |
| 48 | TT-*DK-048-PINN | 0.971 (24.7) | 290 (432) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |
| 72 | TT-*DK-072-PINN | 1.106 (28.1) | 388 (577) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |
| 96 | TT-*DK-096-PINN | 1.246 (35.8) | 524 (780) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |
| 144 | TT-*DK-144-PINN | 1.411 (35.8) | 615 (915) | 300 (1320) | 90 (400) | 20x Cable OD | 10x Cable OD | | | | |

[†]Custom color jackets available

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