

Alcadon

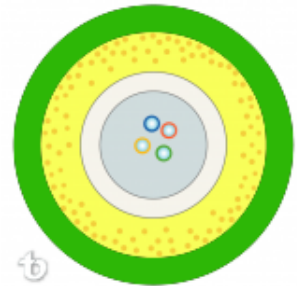
8@H! ZVYf`cdh]WWWV`Y (1500N)



Part Number: **8@H! \$- \$-xx, DLT-500-xx, DLT-620-xx`
xx=fiber count**

Applications: Campus Backbone, Campus Distribution cabling, General purpose all-dielectric outdoor LAN, General purpose indoor LAN, Outdoor Plant Duct Installation

General Construction: This gel free cable contains up to 24 color-coded optical fibers, each with a 250um outer diameter. The optical fibers are contained in a loose tube included a swellable yarn to prevent the ingress of water. The tube is armored and reinforced by fiber-glass strength yarns. An outer HFFR jacket is extruded over the yarns.



Outer Jacket Material: FR-LSZH
Outer Diameter: 7 mm nom.
Weight: 42 kg/km

Design & Materials

| | |
|----------------------------|-------------------|
| Buffer Material: | Polypropylene |
| Tube Diameter: | 3.1 mm nom. |
| Color code: | Per TIA/EIA 598-C |
| Strength Elements: | E-Glass Yarns |
| Number of fibers: | Up to 24 |
| Waterblocking: | Dry Waterblocking |
| Rip-Cord: | Yes |
| Outer Jacket Color: | Green |

Standards

| | |
|------------------------------|---|
| Applicable Standards: | IEC 60794 |
| Flamability Rating: | IEC 60332-1 |
| CPR Class: | Dca-s2-d2-a1 EN 50575:2014 + A1:2016 |
| Installation: | Guidelines as per IEC 60794-1-1 Annex A |

Performance

| | |
|---|-------------|
| Tensile Strength - Short Term: | 1500 N max. |
| Tensile Strength - Long Term: | 900 N max. |
| Max. Crush Resistance: | 400 N/cm |
| Min. Bend Radius for Installation: | 20xD mm |
| Min. Bend Radius for Operation: | 10xD mm |
| Max. Operating Temperature: | +70 °C |
| Min. Operating Temperature: | -40 °C |
| Max. Storage Temperature: | +70 °C |
| Min. Storage Temperature: | -40 °C |
| UV resistance: | Yes |
| Waterblocking: | Yes |