

Alcadon

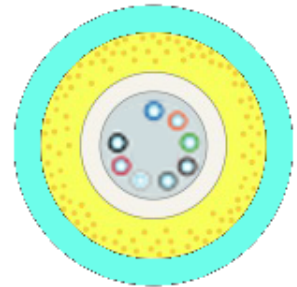
DLT-500-08/OM3 Dry Loose Tube Fiber Optic Cable



Part Number: **F40080129Z**

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 8 MM OM-3 color-coded optical fibers, each with a 250um outer diameter. The optical fibers are contained in a loose tube including 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:	8
Waterblocking:	Dry Waterblocking
Outer Jacket Color:	Turquoise

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794
Flammability Rating:	IEC 60332-1
Installation:	Guidelines as per IEC TR 62691

Performance

Tensile Strength - Short Term:	1500 N max.
Tensile Strength - Long Term:	900 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	100 cycles
Torsion (L= 125 x d):	10 cycles
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-20 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-10 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV resistance:	Yes
Waterblocking:	Yes