

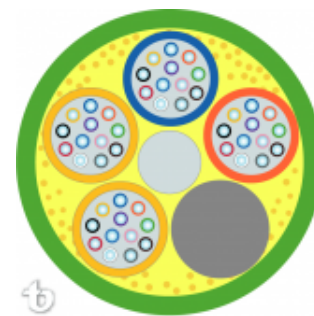
Alcadon

Fiberkabel hybrid 62,5/125 + 9/125 loose tube

Part Number: **@B&(I * &\$Ž &(I \$- \$ FM0480408E**

Applications: CATV and DataCom, General purpose indoor/outdoor LAN, Long Distance OSP, Outdoor Plant Duct Installation, Short and Medium distance distribution and trunking

General Construction: The cable contains 24 62.5/125 Multi Mode color-coded optical fibers and 24 SM color-coded optical fibers in 4 loose tubes, 12 fibers in each tube . These tubes are filled with a thixotropic gel to prevent the ingress of water and SZ stranded with one filler around a dielectric central strength member. Fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable structure.



Tube color configuration
1 Blue 2 Orange: MM
3 Yellow 4 Yellow: SM

Outer Jacket Material: HFFR
Outer Diameter: 9.5 mm nom.
Weight: 100 kg/km

Design & Materials

Buffer Material:	PBT
Tube Diameter:	2.1 mm nom.
Color code:	Per TIA/EIA 598-C
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Fiber Containing Tubes:	12
Total Number of Tubes:	4
Number of fibers:	48, 24 x SM + 24 x MM
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Green
Marking:	Per request

Standards

Applicable Standards:	IEC 60794, ISO/IEC 11801, TIA/EIA-568
Installation:	Guidelines as per IEC 60794-1-1 Annex A

Performance

Tensile Strength - Short Term:	2700 N max.
Tensile Strength - Long Term:	1600 N max.
Impact Resistance:	4.4 Nm
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:	25 cycles
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