

SDA-4-24HTH-D-H-D#S TZ
FIBEROPTICS
P/N F40242435Z

INDUSTRY

Applications

Backbone and Riser cabling, Centralized Cabling, General purpose indoor/outdoor LAN, Riser cabling, Short distance distribution



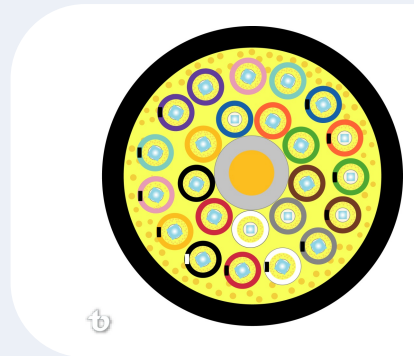
Outer Jacket Material
FR-LSZH



Outer diameter
14.4 mm nom.



Weight
196 kg/km



General Construction

The cable contains 24 MM OM3 50/125/250 um optical fibers each with a 0.9 mm buffer, protected by aramid strength yarns and jacketed to form mini cables. These color-coded 2.0 mm mini cables are stranded in two layers around a dielectric strength member. The cable core is outer jacketed.

Design & Materials

Buffer Material	HFFR
Buffer Diameter (µm)	900
Color Code	Per TIA/EIA 598-D
Number Of Fibers	24
Waterblocking	Waterblocking Materials
Rip-Cord	Yes
Outer Diameter (mm nom)	14.4
Outer Jacket Color	Turquoise
Marking	Per request
Outer Jacket Material	FR-LSZH

INDUSTRY

Performance

Max. Installation Tensile Load (N max.)	2200
Max. fiber strain at MIT (%)	0.6
Max. Residual Tension (MRS) (N max)	660
Max. Fiber Strain at MRS (%)	0.2
Impact Resistance (N*m)	5
Impact Resistance (cycles)	3
Max. Crush Resistance (N/cm)	220
Min. Bend Radius for Installation (mm)	20xD
Min. Bend Radius for Operation (mm)	10xD
Repeated Bending (cycles)	300
Torsion (L=125 x d) (cycles)	10
Min. Installation Temperature (°C)	-20
Max. Installation Temperature (°C)	+45
Min. Operating Temperature (°C)	-20
Max. Operating Temperature (°C)	+75
Min. Storage Temperature (°C)	-40
Max. Storage Temperature (°C)	+75
UV Resistance	Yes
Waterblocking	Yes

Standards

Flammability Rating
 EN 61034-1
 EN 61034-2
 IEC 60332-1
 IEC 60332-1-2
 IEC 60332-3
 IEC 60754-1
 IEC 60754-2
 IEC 61034
 IEC 61034-1/2
 UL 94 V-0
 EN 50575:2014 C_{ca}s2d1a2 (CPR)

Applicable Standards
 IEC 60794
 IEC 60794-1-21/22



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