Indoor Riser / Breakout Cable

Cable Construction

Cable Design

Amwaj Telecommunication indoor cables can be deployed indoor as building backbone (riser) cabling as well as for the cabling between floor distributors.
The tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN) and eliminates need for fan-out kits.
The cables can be installed in conduits and shafts inside buildings.

All-dielectric cable construction
Requires no grounding or bonding

Small diameter and bend radius
Easy installation in space-constrained areas

TB3 tight buffered construction
Easy and consistent stripping over 10cm

Standards

Flame test method

Flame retardant according to IEC 60332-3-24 and EN 50266-2-4
Low smoke according to IEC 61034 and EN 50268
Halogen-free (LSZH)

Specifications

General Specifications	
Environment	Indoor
Application	Vertical Riser, General Purpose Horizontal, Indoor Horizontal, General building applications
Cable Type	Tight-Buffered
Product Type	Dielectric
Flame Rating	LSZH
Fiber Category	50 µm MM (Om3)

Temperature Range	
Installation and assembly	-5 °C to 50 °C
Operation	-20 °C to 60 °C
Storage	-25 °C to 70 °C

Construction Parameters	
Central element	Dielectric
Central element diameter	2 mm
Fiber Count	6
Buffering Diameter	900 µm
Tight buffer type	TB3 (easy strip up to 10 cm)
Tight buffer color subunits	Blue, white, white, white, white, white
Fibers per Subunit	1
Number of Subunits	6
Subunit Diameter	2 mm
Subunit Tensile Strengths Elements Armoring	Aramid yarn strength members
Subunit J acket material	Flame-retardant, low-smoke, zero-halogen
Subunit Jacket nominal thickness	0.35 mm
Subunit Colour	Orange with printed subunit number
Number of Ripcords	1
Outer jacket material	Flame-retardant, low-smoke, zero-halogen
Outer jacket colour	Orange
Outer jacket nominal thickness	0.8 mm
Nominal Outer Diameter	7.8 mm
Weight	58 kg/km
Min. Bend Radius Installation	135 mm
Min. Bend Radius Operation	115 mm
Max. tensile strength for installation	1200 N