

## A-DQ(MK)(BN)(SR)H

# Central Loose Tube Single LSZH Jacket Indoor/outdoor Type Fire Resistant Fiber Optic Cable

### Overview - A-DQ(MK)(BN)(SR)H

Central Loose Tube Single LSZH Jacket Indoor/outdoor Type Fire Resistant Fiber Optic Cable “ A-DQ(MK)(BN)(SR)H ” are ideal & provides vital communication and emergency systems that need to be operational during fire. The cable design ensures operation for up to 30-60-90, 120 & 180 minutes under a fire of 750C. Perfect for critical systems, where time is required for system shutdown, data backup or for signaling & safety purposes. Outer sheath is Halogen Free Flame Retardant made of from red UV-stabilized. UV protection allow that cable to be used as Outdoor. Its structure is mainly composed of central cable core, longitudinal covering a layer of synthetic mica tape outside cable core and then outer sheath extruded UV-HFFR material.

OM1, OM3 and OM4 multi-mode and OS2 single-mode options are available, with 4, 8, 12 core fiber capacity. Corrugated steel tape armour provide a protection against rodents. The outer sheath is red also provides UV stability. G 657.A1 or G 657.A1 optical fiber options allow for microbending to tight bends or placing the cable under pressure without compromising performance levels and also perfect solution to future proof installation.

FireWarrior fiber optic cable range is fully compliant with fire resistant standards IEC 60331-25 and flame retardant standards IEC 60332-2-3, guaranteeing the cables circuit integrity and performance in the event of a fire.

### Compliance

- IEC 60754-2; IEC 60794-1&2, IEC 60793-1&2; IEC 60331-25; IEC 61034-2 - TIA/EIA 568-C.3, TELCORDIA GR-409-CORE

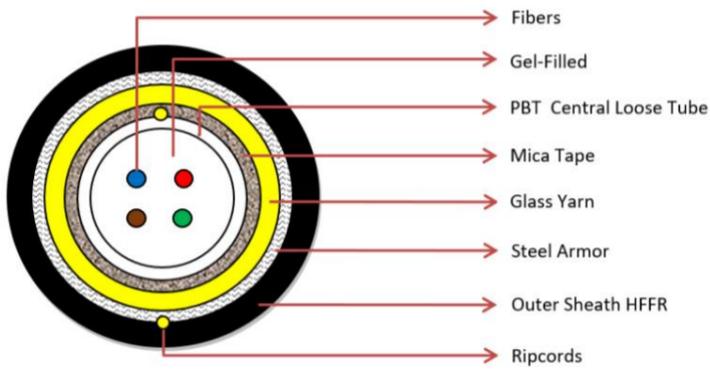
### Application

- Typical applications include that for fire alarm systems,
- VA (Voice Alarm) systems (Also known as voice evacuation) and in public buildings,
- Tunnels, metro lines where the cable will need to continue operating in the event of a fire.

### Features and Benefits

- Circuit integrity for vital data transmission and emergency systems that need to be operational during fire
- Fiber Core Options are OM1, OM3 and OM4 & OM5 multi-mode and OS2 single-mode
- Indoor/Outdoor UV-HFFR sheath
- High-speed data transmission
- Corrugated Steel Tape Armour
- 

This document is a property of UPCOM Telekom and must not be copied or damaged in any form, wholly or in part w/o written permission from UPCOM Telekom specifications indicated in this document are not contractual and can be modified w/o notification.



## Specification

Fiber	4-12
Strength members	Water Blocking Glass yarn
Loose Tube Ø (mm)	2.8
Fire Resistant	Mika Tape
Armor	Corrugated Steel Tape
Outer jacket	HFFR-UV
Weight (Kg/Km)	90
Outer Ø (mm)±0,5	8
Tensile Load Perm/Inst (N)	1600/2500
Optical characteristics	9/125 G.652-D
Bandwidth (nm)	1550/1310
Attenuation (max dB/km )	0,23/0,36
Crush (N)	2000 (IEC 60794-1-2 E3)
Temperature Range	-30 °C to +70 °C (IEC 60794-1-2 F1)
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)

Up-to-date data-sheet <http://www.upcom.com.tr/products/cables/a-dqmkbnshr/>

This document is a property of UPCOM Telekom and must not be copied or damaged in any form, wholly or in part w/o written permission from UPCOM Telekom specifications indicated in this document are not contractual and can be modified w/o notification.