I-N(SWR)H-Drop

Metallic-reinforced indoor FTTH drop

FIBERS	OUTER JACKET	PROTECTION
1 / 2 / 4	LSZH	Steel rods



Indicative construction. Fiber count and colors vary by configuration.

Overview

A compact flat FTTH cable with two 0.5 mm metallic strength members and individually colored optical fibers. The 3.2 x 2.0 mm LSZH construction is intended for indoor subscriber routing and direct termination.

Construction

- LSZH / HFFR flat outer sheath
- Two 0.5 mm metallic strength members
- Individually colored optical fibers

Applications

- Indoor FTTH / FTTx subscriber routing
- Horizontal and riser distribution
- Direct clipping to indoor surfaces
- Indoor interconnect and direct termination

Features

Compact flat construction | Direct termination and easy stripping | Dry design with LSZH sheath | Flexible routing with metallic reinforcement

Referenced standards

EN 50173-1; IEC 60754-2; IEC 60794-1/2; IEC 60793-1/2; IEC 60332-1/2.

Referenced standards do not establish a CPR class or a separate fire-resistance rating. Request the documents matching the supplied construction.

UPCOM Telekomunikasyon | Istanbul, Turkey
info@upcom.com.tr | +90 535 765 1857 | www.upcom.com.tr

Specifications are not contractual and may change. Confirm the final construction and applicable documents before ordering.

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Technical specifications

Construction data

Strength members	Two 0.5 mm metallic members
Outer jacket	LSZH
Cable dimensions	3.2 x 2.0 mm
Jacket colors	White or black

Dimensional and mechanical schedule

Fibers	Size / mm	kg/km	Service / N	Install. / N
1	3.2 x 2.0	9.0	100	200
2	3.2 x 2.0	9.0	100	200
4	3.2 x 2.0	9.0	100	200

Optical characteristics

Fiber grade	Core / cladding / µm	Wavelength / nm	Max. loss / dB/km
G.652.D	9/125	1310 / 1550	0.35 / 0.25
G.657A1	9/125	1310 / 1550	0.34 / 0.24
G.657A	9/125	1310 / 1550	0.34 / 0.22

General performance

Crush resistance	200 N/10 cm (E3)
Temperature range	-10 to +60 °C (F1)
Bend radius, installation / service	15D / 10D

The published G.657A designation is retained. Confirm the precise fiber sub-category and project-specific fire requirements before order approval. D = outer cable dimension used for the bending specification.

D = outer cable diameter. Service / installation = permanent / temporary tensile load.

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