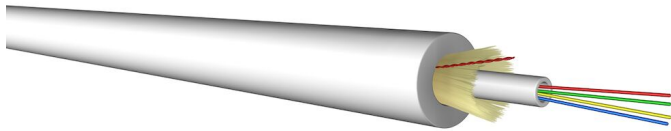


UC^{HOME} FIBRE IDROP 250 DRAG&BLOW LSZH-FR B2_{ca}

UC HOME FIBRE IDROP 250 DRAG&BLOW BBXS LSZH-FR B2ca



B2_{ca}
CPR

GENERAL INFO

UC Home FTTH indoor cable with up to 12 BendBrightXS fibers designed with very high flame-retardant performance for indoor drop installation and blowing techniques for use in public buildings with high personal risk with higher CDR class B2ca s1a d1 a1. DIN/VDE: I-D(ZN)H

Latest version of this data sheet is available for download: [ProductFamily377253](#)

CERTIFICATIONS AND DESIGN STANDARDS

ISO/IEC 11801	Generic telecom cabling for customer premises
EN 50173	Information technology - Generic cabling systems
IEC 60794-1-1	Generic Specification Fibre Optic Cables
IEC 60794-1-21	Mechanical Test Methods
IEC 60794-1-22	Environmental Test Procedures
IEC 60754-2	Weighted Values of pH and Conductivity

APPLICATION PROPERTIES

Resistant to UV	Low
Outdoor installation With rodent protection	Not applicable
Operation temperature (min) [°C]	-10 and (max) [°C] 60
Installation temperature (min) [°C]	-10 and (max) [°C] 60
Storage temperature (min) [°C]	-10 and (max) [°C] 50
Bending radius (rule)	During installation (loaded) = 20xOD, Permanent (unloaded) = 10xOD

CABLE CONSTRUCTION

Rip cord	Yes
Material outer sheath	Low smoke zero halogen
Type of tube	Central tube
Cable shape	Round

IDENTIFICATION

Fiber color code	1 Red	7 Brown
	2 Green	8 Violet
	3 Blue	9 Turquoise
	4 Yellow	10 Black
	5 White	11 Orange
	6 Grey	12 Pink
Colour outer sheath	White	RAL 9010

FIRE PROPERTIES

Flame retardant according to IEC 60332-1-2	Yes
Reaction-to-fire class (acc. EN 13501-6)	B2ca
Smoke development class (acc. EN 13501-6)	s1a
Euro class flaming droplets/particles (acc. EN 13501-6)	d1
Euro class acidity (acc. EN 13501-6)	a1

MECHANICAL PROPERTIES

Crush	IEC 60794-1-21 E3	300 N/10cm
Max. tensile strength during installation	IEC 60794-1-21 E1	400 N
Permanent tensile strength	IEC 60794-1-21 E1	100 N
Kink	IEC 60794-1-21 E10	The cables do not form a kink when a loop is drawn together to a diameter 12 times the cable nominal diameter.

CABLE DETAILS

Number of fibres	Nominal outer diameter [mm]	Cable weight [kg/km]	Fire load [MJ/km]
4	2.3	7	233
12	2.8	10	250

ORDERING DETAILS

Product name	Colour outer sheath	Number of fibres	Category (fibre)	Fibre datasheet	DOP number	SAP code
UC HOME FIBRE IDROP 250 DRAG&BLOW I-DH 4 G.657A2	White	4	OS2	C24	-	60099788
UC HOME FIBRE IDROP 250 DRAG&BLOW I-DH 12 G.657A2	White	12	OS2	C24	-	60099789

*DoP Numbers are per product code and any DoP number proves CPR approval for the cable. DoP files can be downloaded from the website: [DoP](#)

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