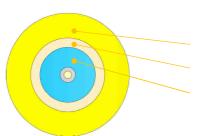
MetroJET microduct cabling air-blowing system

Type:	Simplex – SMX 1,2-2,8	REV: 0
Construction:	30/01/2014	SK
Modified:		

Simplex SMX Cable 1,2 – 2,8 mm



LSOH Outer Sheath

Aramid Yarns

Central Tight buffer tube with colored fibers 250um

APPLICATION:

Buyer and/or user of this product

valid unless specifically authorised by Fibrain. Buye to the Terms of Sale of the selling Fibrain subsidiary

Distribution systems cable For Patchcords and Pigtails Terminals connection

STRUCTURE AND COMPOSITION:

LSOH with low coefficient of friction Aramid yarns Central tight buffer tube 250um colored fiber

CONSTRUCTION:

CABLE CONFIGURATION:						
Version	Qnt Fibers	Ø nominal (+-5%) [mm]	Nominal weight (+-5%) [kg/km]	Max. Installation Tension [N]		
1F	1	1,2	3,9	300		
1F	1	1,6	4,2	330		
1F	1	1,8	4,8	350		
1F	1	2,1	5,5	370		
1F	1	2,8	6	400		

MAIN MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS (according to IEC 60794-5 and EN 187000)						
Test	Test Standard	Specified Value	Requirement*			
Crush	IEC 60794-1-2-E3	500 N / 100 mm, max. 15 min	$\Delta \alpha \le 0.05$ dB, no damage			
Cable Bend	IEC 60794-1-2-E11	R=20x D, 4 turns, 3 cycles	$\Delta \alpha \le 0.05$ dB, no damage			
Water Penetration	IEC 60794-1-2-F5B	sample=3m, water column=1m, 24h	no water leakage			
Temperature: Installation		-5 +50 [°C]	no attenuation increase			
Operation	IEC 60794-1-2-F1	-25 +70 [°C]	no attenuation increase			
Transport & Storage		-25 +70 [°C]	no attenuation increase			

OPTICAL FIBER AND TIGHT BUFFER TUBES COLOR IDENTIFICATION

The colors of identifications see on DSH_Colors_CODE_XXXX

FIBER PARAMETERS

The value of characteristic fibers parameters see on DSH_OFP

relating to this

reserves the right to change this ded use. All questions of liability

intended use.

The information is believed to be correct at the to make sure before using this product that it is

The following printing (white hot foil indentation) is applied at 1-meter intervals.

- Supplier: FIBRAIN
- Standard Code (Product Type, Fiber Count, Fiber Type,), other sales name, jacket type
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID/ Drum No

Example: FIBRAIN SMX-12 1F SM G652D 1T1F "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

The cables will be shipped on metal or treated wooden drums, with protective battens around the circumference. The inner and outer ends of the cable will be capped and made accessible for testing. A direction of rotation arrow is marked on the drum together with the identification information.

Delivery Length: 1000, 2000, 4000, 8000* meters ± 5%, with an allowance of supplying a maximum of 5% of the total contract quantity as short length cable which should be above 1000 meters length. Tolerance of 5 % of on Order Quantity shall be allowed.

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.

^{*}Schematic drawing, not in scale