

Type:	AERO-ASP04	REV: 2
Issued:	20/06/2017	AM
Modified:	08/12/2017	AM

Temperature range
 Installation: -15... +55 [°C]
 Operation: -40... +70 [°C]
 Transport & Storage: -40... +70 [°C]

IEC 60794-1-2-F1, $\Delta\alpha \leq 0,05$ dB/km

APPLICATION AND CABLE SPAN CHARACTERISTIC

6 tubes design:

Loading Conditions	Span	Installed Sag (1,5%)	Tension	Total sag	Horizontal sag	Vertical sag
	[m]	[m]	[N]	[m]	[m]	[m]
NSC Light	140	2,10	4000	4,3	4,0	1,8
NSC Medium	115	1,72	4000	4,0	2,2	3,3
NSC Heavy	78	1,17	4000	3,1	1,5	2,8

TECHNICAL COOPER WIRE CHARACTERISTICS

Type	H07V-K (LgY) 450/750V
Max. DC resistance	8,06 Ω /km@20°C
Conductor material	Bare copper
Conductor cross section	2,5mm ²
Conductor Size	3,6mm
Insulation material	PVC

OPTICAL FIBRES AND LOOSE TUBES COLOUR IDENTIFICATION

Fibres and tubes identification information see **DSH_Colors_CODE_XXXX** document.

FIBRES PARAMETERS

Optical fibres parameters see **DSH_OFP** document.

MARKING

The following print (white / hot foil) is applied at 1-meter intervals:

- Supplier: FIBRAIN
- Standard code (Product type, fibre type, fibre count)
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID / Drum No

Example:

FIBRAIN AERO ASP04 T34 24F SM G652D 2T12F + 4x2,5CU H07V-K 450/750V "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

The accuracy of marking is $\pm 0,5\%$. Remarking is in accordance with Bellcore GR 20 and supersedes earlier markings. Occasional loss of marking is possible. Cables can be supplied with a range of single mode or multimode fibres and customized print.

PACKING

Cables will be shipped on disposable wooden or treated wooden drums. Both ends of the cable will be capped and accessible for testing. Rotation direction arrow will be marked on the drum together with identification information.

DELIVERY LENGTH

2000 – 4000 meters $\pm 5\%$, with possibility of supplying up to 5% of total contract quantity as short length cables which should be above 1000 meters long. Tolerance of 5 % of order quantity shall be allowed.