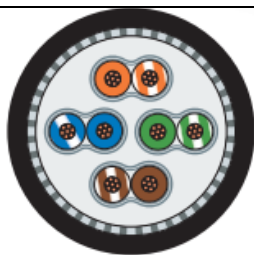


Becatech

Interconnective Power



**S/FTP Cat 7 4x2xAWG26/7
SHF1 Black DNV/GL 1000MHz**

Cable Structure :

Flexible tinned copper class 5 conductor
Insulation SFS-PE
Color coded according to IEC708-1
Pairs screened with plastic laminated aluminium foil
Screen : Tinned copper wire braid
Outer sheath Halogen free compound FRNC (SHF1)
Sheath color : Black

Technical Specification :

Nominal voltage : 125 V
Test Voltage : 700 V AC
Temperature range fixed installation : -20 °C/+60°C
Temperature range during installation : 0 °C/+50°C
Minimum bending radius moved : 10 x Ø
Minimum bending radius static : 5 x Ø
Loop resistance : Max. 290 Ω/Km
Insulation resistance : Min. 5 GΩ x Km @ 20°C
Operating capacity : Nom. 45 nF/Km
Max. Traction : 95N
Fire behaviour : EN 60332-1-2 ; EN 60332-3-24 ; EN 50399 ; EN 50575 ; EN 61034 ; EN 50267 ; IEC 60754-2 ; IEC 61034 EN 13501-6 class Fca
Standards : EN 50288-4-1 ; EN 50173 ; EN 50174-2 ; ISO/IEC 11801 2. edition ; IEC 61156-5
DNV/GL

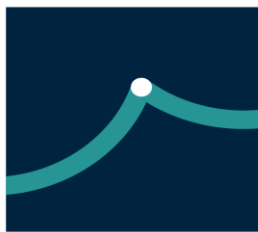
Application :

UV-resistant reinforced flexible data cable for transmission analog and digital signals for cabling in environments with harder electrical and mechanical requirements, as well as for use on ships and offshore. With DNV and GL rating.

Becatech B.V.
Karel Pinxtenlaan 9/6
3900 Overpelt

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Interconnective Power

Transmission characteristics					
F (MHZ)	Attenuation (dB/100m) NOM	NEXT (dB)	ACR (dB/100m) NOM	EL-FLEX (dB/100m) NOM	RL (dB) NOM
1	0,28	95	95	95	23
4	0,55	95	94,5	93	27
10	0,85	95	94,1	90	30
16	1,05	95	94	81	30
20	1,2	92	90,8	77	30
31,25	1,5	90	88,5	75	30
62,5	2,1	88	85,9	70	30
100	2,7	86	83,3	58	28
200	3,85	84	80,2	50	26
300	4,7	82	77,3	47	24
400	5,1	80	74,9	45	23
500	5,7	78	72,3	42	22
600	6,75	75	68,3	40	21
900	8,6	72	63,4	36	18
1000	9,15	70	60,2	34	17

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