

Cat 5E Megaline SF/UTP

Lan cable, LSOH and UV-resistant
Screened and armoured, DNV approval
4x2xAWG24/1

Bruksområde/Application:

Offshore datakabel med skjerm og armering for installasjon der det er krav til armering. Kabelen er UV-bestendig og derfor godt egnet for utendørs installasjon. Kabelen er DNV godkjent.

Installation cable for generic cabling systems acc. ISO/IEC 11801 and EN 50173 (2.edition) as well as ISO/IEC 24072 and EN 50173-3 (draft). Ideal for all applications of class D up to 1 GbE acc. IEEE 802.3 ab, VoIP, PoE. The cable is UV-resistand and for indoor and outdoor installations. The cable is DNV-approved.

Electrical Specifications:

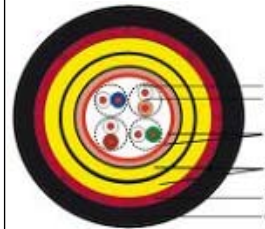
Temperature installed:	-40 to +60 [°C]
Temperature @ installation:	0 to + 50
Rated voltage:	125 [V]
Test voltage:	1000 [V]
DC resist. max:	95 [Ω /km]
Insulation resitance:	5 [G Ω x km]
Mutual capacitance:	45 [pF/m]
Transfer capacitance:	1500 [pF/km]
Characteristic impedance:	100 \pm 5 [Ω]@100MHz
Attenuation:	see table
Velocity factor:	0,75
Min. bending radius installed:	4 x outer diam
Min. bending radius @installation:	8 x outer diam

Norms:

Flame retardance:	IEC 60332-1-2
Halogen acid gas emission:	IEC 60754-1/2
Smoke density:	IEC 61034-1/2

Approvals: DNV (Det Norske Veritas)

Conductor:	1 Bare Cu-wire, AWG 24/1
Insulation:	2 Cellular PE, nom \varnothing 1,1mm
colourcode:	IEC
Twisting element:	Pair - 4 pairs
Overall screen:	3 Al-bonded polyester tape, and tinned Cu-wire braid
Inner sheath:	4 2 layer LSOH compound, yellow
Armour:	5 Galvanized steel wire braid
Outer sheath:	6 Black, LSOH compound, UV resistant
Outer diam:	11,9 mm
Weight:	approx. 194 kg/km



RoHS ✓

El.nr : 1089635
Prod.no: 7KS5005U

Frequency [MHz]	Attenuation [dB/100m]		NEXT [dB]		PS-NEXT [dB]		ACR [dB@100dB]		PS-ACR [dB@100dB]		EL-FEXT [dB@100m]		PS-EL-FEXT [dB@100m]		RL [dB]	
	Typ.	Cat.5 maks*	Typ.	Cat.5 min*	Typ.	Cat.5 min*	Typ.	Cat.5 min*	Typ.	Cat.5 min*	Typ.	Cat.5 min*	Typ.	Cat.5 min*	Typ.	Cat.5 min*
1	2	2,1	75	65	72	62	73	63	70	60	89	64	86	61	24,8	-
4	3,1	4	69	56	66	53	66	52	63	49	84	52	81	49	28,6	23
10	5,1	6,3	62	50	59	47	57	44	54	41	76	44	73	41	33,3	25
16	7	8	58	47	55	44	51	39	48	36	70	40	67	37	34,3	25
31,25	9,7	11,4	53	43	50	40	44	31	41	28	63	34	60	31	33,9	23,6
62,5	13,2	16,5	49	38	46	35	36	22	33	19	58	28	55	25	31,3	21,5
100	17,6	21,3	45	35	42	32	28	14	25	11	52	24	49	21	27,7	20,1
155	22,3	-	42	-	39	-	20	-	17	-	49	-	46	-	24,7	-
200	26,5	-	40	-	37	-	14	-	11	-	45	-	42	-	22,4	-

* acc. EN 50288-2-1 (2004) IEC 61156-5 (2002)