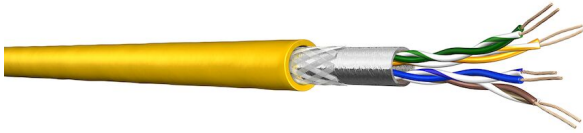


UC300 HS26 C5E SF/UTPP 4P LSHF

Data patch cable Cat.5e SF/UTP



Dca
CPR

GENERAL INFO

Work area and patch cord cable only! Not recommended for fix installation. IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; IEEE 802.5 16 MB; ISDN; TPDDI; ATM

CERTIFICATIONS AND DESIGN STANDARDS

RoHS



ISO/IEC 11801

IEC 61156-6

EN 50173-1

EN 50288-2-2

Generic cabling system

Datcom patch cables

Generic cabling systems

Datcom patch cables shielded up to 100 Mhz

CABLE CONSTRUCTION

Conductor material

Conductor surface

Core insulation material

Screen construction

Screen material

Screen over stranding

Material outer sheath

Cable shape

Copper

Bare

Polyethylene (PE)

Metallised foil and braid

Copper, tinned

Foil

Halogenfree polymer

Round

APPLICATION PROPERTIES

Max. conductor temperature [°C]	60
Min. outer temperature, fixed installation [°C]	-20
Max. outer temperature, fixed installation [°C]	60
Min. outer temperature during installation [°C]	0
Max. outer temperature during installation [°C]	50
Bending radius (rule)	Installation: 8 x outer diameter; Installed: 4 x outer diameter

FIRE PROPERTIES

Flame retardant	In accordance with EN/IEC 60332-1-2
Halogen free (acc. IEC 60754-2)	Yes
Low smoke (acc. IEC 61034-2)	Yes
Reaction-to-fire class (acc. EN 13501-6)	Eca

ELECTRICAL PROPERTIES

Nominal voltage U [V]	48
Test voltage [kV]	1
Category	5
NVP value [%]	67
Resistance unbalance (max) [%]	2
Nominal mutual capacitance [pF/m]	48
Capacitance unbalance (max) [pF/m]	1,500
Propagation delay (max) [ns/100m]	535
Delay skew (max) [ns/100m]	20
Transfer impedance at 10 MHz [mOhm/m]	30
Segregation classification (acc. EN 50174-2)	c

PRODUCT ORDER DATA

SAP	EL no.	Packaging type	Standard packaging quantity	User unit
60015935	60015935			MTR
60015938	60015938	Coil	100	MTR
60015948	1089253	Drum	500	MTR

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CAT 5E PATCH TRANSMISSION CHARACTERISTICS (AT 20°C)

Frequency (MHz)	Attenuation (dB/10 m)	NEXT (dB)	PS-NEXT (dB)	ACR (dB/100 m)	PS-ACR (dB/100 m)	ACRF (dB/100m)	PS-ACRF (dB/100m)	Return Loss (dB)
1	0.3	71	68	71	68	68	65	23
4	0.6	62	59	61	58	56	53	23
10	0.9	56	53	55	52	48	45	23
16	1.1	53	50	52	49	44	41	23
20	1.3	52	49	51	48	42	39	23
31.2	1.6	49	46	47	44	38	35	23
62.5	2.3	44	41	42	39	32	29	23
100	2.9	41	38	38	35	28	25	23
125	3.2	40	37	37	34	26	23	
155	3.6	38	35	34	31	24	21	
175	3.8	38	35	34	31	23	20	
200	4.1	37	34	33	30	22	19	
250	4.6	35	32	30	27	20	17	
300	5	34	31	29	26	16	13	

CONSTRUCTION DETAILS

SAP

60015935

60015938

60015948

CONSTRUCTION DETAILS(02)

SAP

60015935

60015938

60015948

ELECTRICAL PROPERTIES(PER ITEM)

SAP

60015935

60015938

60015948