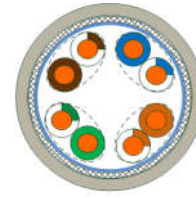


CAT 5e FLEX SF/UTP STAGELAN BLC PUR

Ref. Std. ISO/IEC 11801 2nd ed., IEC 61156-5, IEC 61156-6
EN 50173-1, EN 50288-3-1 ANSI EIA/TIA 568-D.2

72V



Application

They are used in cabling in offices, management, R&D buildings with high terminal density, signal communication in information communication systems.

IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T

IEEE 802.5 16 MB; ISDN; TPDDI; ATM

IEEE 802.3af (Type 1 PoE)

IEEE 802.3at (Type 2 PoE)

Construction

Article Number	MRC526262042-1
Conductor	Electrolytic stranded copper conductor (Awg 26/7)
Insulation	Solid polyethylene (0,95 ±0,05)
Stranding	Cores are twisted in pairs, and all the pairs are twisted together
Wrapping	Pet Tape
Screen	Aluminium/pet tape; Tinned copper braid (%80 cov.), Tinned copper drain wire(7x0,16mm)
Outer sheath	Tmpu compound
Outer sheath color	RAL 9005 Black
Outer sheath diameter	6,50 ±0,30 mm

Conductor resistance	Resistance imbalance	Capacitance	Capacity imbalance	Velocity of propagation	Signal delay	Characteristic impedance	Test voltage
max.130 Ω/km	max %1	nom. 50 pF/m	max. 1600 pF/km	66%	max.45 ns/100m	100 ± 5 Ω @100MHz	1000V

Transfer Impedance	TCL	Coupling attenuation	Segregation class	Bending radius	Temperature range	Insulation resistance	Operating voltage
Grade 2	min. level 2	Type II	C	fixed min. 4 x D flexing min. 8 x D	-40°C ...+80°C	min 5000 MQ x m	72V
at 1/10/30/100 Mhz	50 dB ≥	30 to 100 Mhz					
10<10<30<100 mΩ/m	55 dB	≥ 55					

Flame propagation
IEC 60332-1-2; VDE 0482-332-1-2; EN 60332-1-2

Frequency	Near end crosstalk (Next)	Return Loss
MHz	dB	dB/100
4	65	22
10	62	22,8
16	59	23,4
31,25	53	23
100	44	18