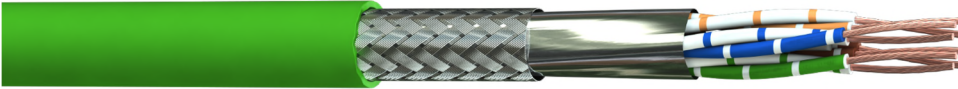


Part No: C5S26HF
Description: The Industrial Ethernet Cat 5E 26(19)AWG SF/UTP cable is the ideal choice for providing a stable platform for linking automation systems and workstations.



Construction

Conductor Material : Bare Copper
 AWG : 26(19)
 Conductor Stranding : 19 x 0.10mm
 Insulation Material : Solid High Density Polyethylene (Solid HDPE)
 Number of Pairs : 4
 Pair Identification : White/Blue, Blue; White/Orange, Orange
 : White/Green, Green; White/Brown, Brown
 Tape : Polyester/Mylar Tape
 Overall Screen 1st : Overall Aluminium Foil (100% Coverage)
 Overall Screen 2nd : Tinned Copper Wire Braid
 Sheath Material : Polyurethane (PUR)
 Sheath Colour : Green

Electrical Characteristics

Max. Conductor Resistance @ 20°C : ≤ 12.71 Ω/100m
 Nominal Impedance (1-100MHz) : 100 ± 15 Ω
 (100MHz-200MHz) : 100 ± 20 Ω
 Nominal Capacitance : 48pF/m
 Voltage Rating EN 50525-1 : 300V

Physical Characteristics

Overall Diameter : 6.3 ± 0.2mm
 Bend Radius : Fixed 4 x OD Flexing 8 x OD
 Temperature Rating : -40°C to +80°C
 Weight : 72 kg/km

Transmission Performance

Frequency	1	4	10	16	20	31.25	62.5	100	155	200	MHz
Attenuation	3.1	5.9	9.4	12.0	13.5	17.0	24.7	31.9	40.7	47.0	≤ dB
Return Loss	20	23	25	25	25	23.6	21.5	20.1	18.8	18.0	≥ dB
NEXT	65.3	56.3	50.3	47.2	45.8	42.9	38.4	35.3	32.4	30.8	≥ dB
PS NEXT	62.3	53.3	47.3	44.2	42.8	39.9	35.4	32.3	29.4	27.8	≥ dB
EL FEXT	64.0	52.0	44.0	39.9	38.0	34.1	28.1	24.0	20.2	18.0	≥ dB
PS EL FEXT	61.0	49.0	41.0	36.9	35.0	31.1	25.1	21.0	17.2	15.0	≥ dB
ACR	65.3	55.3	49.3	46.2	44.8	41.9	37.4	34.3	31.4	29.8	≥ dB

Standards

Flame Retardant : BS EN 60332-1-2	Oil Resistance : IEC 60811-2-1
Halogen Gas Emission : BS EN 60754-1&2	CE Compliant : LVD (2014/35/EU)
RoHS3 Compliance : Yes	