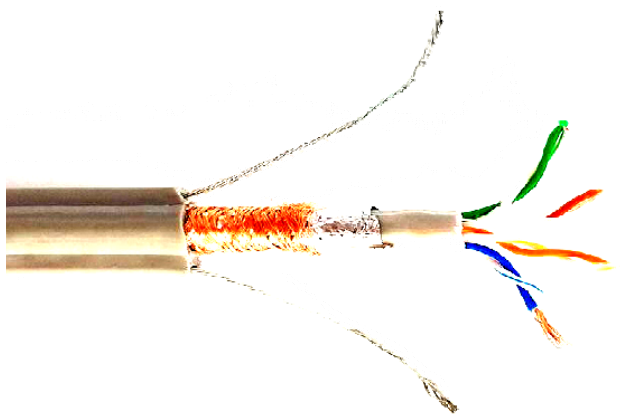


i-Net Networks Category6 SF/UTP Stranded Twin Steel Travelling Cable



Conductive material: Soft annealed electrolytic copper
 Conductor insulation: HDPE, film-porous-film structure
 Cable jacket: PVC
 Outer jacket material: Special elastic PVC
 Steel wire: Galvanized steel wire

Compliance

Meets ANSI/EIA/TIA 568-B.2-1 requirements
 Meets EN50214 requirements
 Meets fire retardant low smoke IEC/EN 60332-2-1 rating

Physical

Conductor size: 12x0.15mm±0.01 mm (24 AWG)
 Insulation diameter: 1.1±0.2 mm (0.043"±0.008")
 Insulation min. thickness: 0.18±0.01 mm (0.007"±0.0004")
 Sheath min. thickness: 0.8 mm±0.01 mm (0.032"±0.0004")
 Shield 1: 100% Aluminum foil helically applied over twisted pair
 Shield 2: 85% Copper braid over foiled unshielded twisted pair
 Outer cable diameter: 8.5 mmx(15.7 ±0.5) mm
 Number of steel wire and strands: 2 (Wires)x7x0.32 mm
 Operating temperature: -15°C~+75°C (+5°F~+167°F)
 Weight per 1000 ft (304.8 m): 53.5 kg (117.95 lbs)
 Standard package: 1000 ft (304.8 m)

Electrical

Frequency, MHz	RL	Attenuation, dB	NEXT, dB	PSNEXT, dB	ELFEXT, dB	PSSELFEXT, dB
1.0	20.0	2.0	65.3	62.3	63.8	60.8
4.0	23.0	4.0	56.3	53.3	51.7	48.7
8.0	24.5	5.8	51.8	48.8	45.7	42.7
10.0	25.0	6.5	50.3	47.3	43.8	40.8
16.0	25.0	8.2	47.3	44.3	39.7	36.7
20.0	25.0	9.3	45.8	42.8	37.7	34.7
25.0	24.3	10.4	44.3	41.3	35.8	32.8
31.25	23.6	11.7	42.9	39.9	33.9	30.9
62.5	21.5	17.0	38.4	35.4	27.8	24.8
100.0	20.1	22.0	35.3	32.3	23.8	20.8
200.0	19.5	25.6	32.2	29.8	19.6	18.7
250.0	18.7	29.3	29.4	26.4	16.8	16.8

Technical

Travel speed	4 m/s max.
Max conductor resistance at 20°C (68°F)	Max. 6.78Ω/100m (2.07Ω/100ft)
Insulation resistance	Min. 5000MΩ - km
Working capacitance	Max. 48 pF/1 km
Rated voltage	300/500V
Testing voltage	5000V

Ordering (*code change alert: HE06SRM old code replaced by new code HE06SR*)

HE06SR-L-C i-Net Networks Travelling Cable Category6 SF/UTP Stranded 4-Pair 12x0.15mm Copper Twin Steel Black PVC