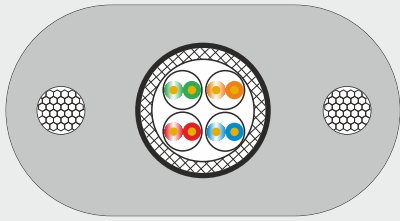
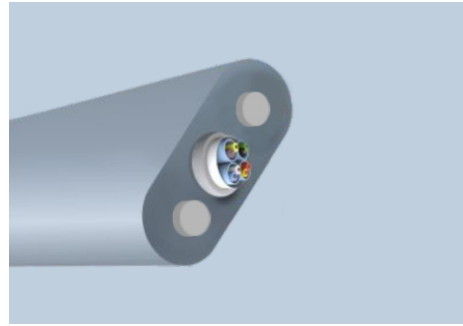


CATEGORY 7 S/FTP 4 PAIR 23AWG FLAT TRAVELLING ELEVATOR CABLE

Norden flat elevator cable is ideal for internal application. The elevator travelling Cat 7 cable exceeds Category 7/Class F specs. The product is compliant with the limits of RoHS Directive.



COMPLIANCE

UL Subject 444
IEC61156
ANSI/TIA-568.2-D

PRODUCT CLASSIFICATION

Product Sequence	Premium
Product Type	Twisted Pair Cable

MATERIAL CONSTRUCTION & DESIGN

Conductor Material	Bare Copper
Conductor Size	23 AWG
Insulation Material	Foam PE
Insulation Diameter	1.35±0.05mm
Insulation Thickness(average)	0.38 mm
Strength Member	2 nos steel wires
Shielding	Aluminium foil(pair)
No: of pairs	4
Braiding	Tinned Copper
Braid Coverage	≥65%
Inner Jacket	PVC
Inner Jacket Thickness	0.55±0.1mm
Outer Jacket Diameter	18.8*10.5±0.5mm
Outer Jacket Color	Grey
Rip Cord	No
Operating Temp	-15°C to +70°C

CATEGORY 7 S/FTP 4 PAIR 23AWG FLAT TRAVELLING ELEVATOR CABLE

ELECTRICAL & MECHANICAL CHARACTERISTICS

Conductor DC Resistance @20°C	≤9.38Ω/100m
Impedance	100±15Ω (4-100MHz), 100±25Ω (100-250MHz), 100±32Ω (250-600MHz)
Delay Skew	≤25ns/100m
Dielectric Strength	DC 2500V/2s
Insulation tensile strength	≥10Mpa
Insulation Elongation	200%
Min bending radius	8XD
Free Suspension Length	220m max.
Travelling Height	400m max.
Acceleration	<1.2 m/s ²
Running Speed	Max 12m/s

TRANSMISSION PERFORMANCE

Freq. MHz	ATT (≤dB)	NEXT (≥dB)	PS NEXT (≥dB)	RL (≥dB)	ELFEXT (≥dB)	PSELFEXT (≥dB)
4	3.7	78	75	552	75	75
8	5.2	78	75	547	74.2	74.2
10	5.9	78	75	545	72.3	72.3
16	7.4	78	75	543	68.2	68.2
20	8.3	78	75	542	66.3	66.3
25	9.3	78	75	541	64.3	64.3
31.25	10.4	78	75	540	62.4	62.4
62.5	14.9	75.5	72.5	539	56.4	56.4
100	19	72.4	69.4	538	52.3	52.3
200	27.5	67.9	64.9	537	46.3	46.3
250	31	66.4	63.4	536	44.3	44.3
300	34.2	65.2	62.2	536	42.8	42.8
400	40	63.4	60.4	536	40.3	40.3
500	45.3	61.9	58.9	536	38.3	38.3
600	50.1	60.7	57.7	535	36.7	36.7

*Supplied cables meets Cat. 6 min. transmission requirements as per IEC 61156-5 Ed. 2

ORDERING INFORMATION

Part Number	Description	Standard Length
108-1000T50X	Category 7 S/FTP 4 Pair 23AWG Flat Travelling Elevator Cable PVC	305 mtr

X:BK(Black)