

Flat Ribbon Cable



Features

- Suitable for use with all commonly available IDC connectors
- Consists of parallel stranded tinned copper wire conductors laminated between layers of grey PVC film to form a flat ribbon cable
- The laminate ensures precise alignment and spacing between conductors



Flat Ribbon Wire

UL Style	20029
Rated Temperature	105 °C
Rated Voltage	300 V
Fire Behaviour	UL VW-1
Colour	Multicoloured
Pitch	1.27 mm
Original Packaging	30 m
Shielding	Unshielded

Conductor

AWG Size	28 AWG
Composition	7 / 0.127 mm

Insulation

Material	PVC
Insulation Thickness	9 mm

Physical Properties

Average Tensile Strength	1500 lbs/inch ²
Average Elongation	200%

Electric Characteristics

Spark Test	2.5 kV
Dielectric Strength Test	2 kV in 1 min
Conductor Resistance	237 Ohm/km
Insulation Resistance	100 MOhm/km
Capacity	45 pF/m
Inductance	1.5 µH/m
Impedance	100 Ohm
Propagation Delay Time	4.2 ns/m

Product Range:

Article Nr.	Poles	Width
RND 475-00715	10	12.7 mm
RND 475-00716	16	17.78 mm
RND 475-00717	20	20.32 mm
RND 475-00718	26	25.4 mm

**COLOR FROM:

P1: BROWN COLOR	→	1
P2: RED COLOR	→	2
P3: ORANGE COLOR	→	3
P4: YELLOW COLOR	→	4
P5: GREEN COLOR	→	5
P6: BLUE COLOR	→	6
P7: PURPLE COLOR	→	7
P8: GREY COLOR	→	8
P9: WHITE COLOR	→	9
P10: BLACK COLOR	→	10

Drawing

