



9538

Multi-Conductor - Computer Cable for EIA RS-232 Applications



Description

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Put Ups and Colours

Item #	Putup	Ship Weight	Jacket Colour	Notes	Item Description
9538 060100	100 FT	3.900 LB	CHROME		8 #24 PVC FS PVC CHR
9538 0601000	1,000 FT	34.000 LB	CHROME	C	8 #24 PVC FS PVC CHR
9538 060500	500 FT	17.000 LB	CHROME	C	8 #24 PVC FS PVC CHR
9538 060U1000	1,000 FT	33.000 LB	CHROME		8 #24 PVC FS PVC CHR
9538 060U500	500 FT	17.000 LB	CHROME		8 #24 PVC FS PVC CHR

Notes:

C = Create Reel Put-up

Physical Characteristics (overall)

Conductor – AWG

# Pairs	AWG	Stranding	Conductor Material
8.000	24	7x32	TC – Tinned Copper

Insulation – Insulation Material

Ins Material	Wall Thickness (In.)
PVC – Polyvinylchloride	0.010

Outer Shield - Outer Shield Material

Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
Beldfold®	Tape	Aluminium Foil-Polyester Tape	100

Outer Shield Drawn Wire AWG

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC – Tinned Copper

Outer Jacket – Outer Jacket Material

Outer Jacket Material	Non. Wall Thickness (In.)
PVC – Polyvinylchloride	0.032

Overall Cabling – Lay Length & Direction

Length (In.)
1.750

Overall Cabling Colour Code Chart

Number	Colour
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow

Overall Cabling – Overall Nominal Diameter: 0.224 in.

Mechanical Characteristics (overall)

Operating Temperature Range	-30°C to +80°C
UL Temperature Range	80°C (UL AWM Style 2464)
Bulk Cable Weight	30.600 lbs/1000ft
Max. Recommended Pulling Tension	44 lbs
Min. Bend Radius (Install)/Minor Axis	2.250 In.

Applicable Specifications and Agency Compliance (overall)

Application

NEC (UL) Specification	CMG
CEC/C (UL) Specification	CMG
CSA Specification	UL Style 2464 (300 V 80°C)
EU CE Mark	
EU RoHS Compliant (commence date: dd/mm/yyyy)	(01/04/2005)

Flame Test

C (UL) Flame Test	FT4
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Plenum/Non-Plenum

Plenum

Electrical Characteristics (overall)

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
33.000

Nom. Capacitance Conductor to Other Conductor & Shield

Capacitance (pF/ft)
65.000

Nominal Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
25.000

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
18.000

Max. Operating Voltage – UL

Voltage
300 V RMS (UL AWM Style 2464)

Max. Recommended Current

Current
1.75 Amps per conductor @ 25°C