



**DME PROLINK 9842 RS 485 4C Cable 24AWG TC, PE Insulation, Overall AL Foil with Drain Wire + TC Braid TC (90%), PVC Jacket**



### Product Description

DME PROLINK 9842 RS 485 Cable, 4 Conductor (2 Pair) 24AWG (7 x 0.20) Stranded Tinned Copper, PE Insulation, Overall Foil with Drain Wire + TC Braid (90%), PVC Outer Jacket

### Application Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

### Specification

Conductor Diameter	24 AWG (7 / 0.20)
Conductor Material	Stranded Tinned Copper (TC)
Conductor Dia. Nom.	0.60 mm
Conductor Count/ Total No. of Pairs	4 / 2
Insulation Material	PE
Insulation Sheath Thickness	0.59 mm
Insulation Dia Nom. ( $\pm 0.05$ mm)	1.78 mm
1 <sup>st</sup> Shield Material	AL-Foil Overall Foil
Drain / Structure	Stranded Tinned Copper / (7 / 0.20)
2 <sup>nd</sup> Shield Material	Tinned Copper Braid (90% Coverage)
Outer Sheath Material / Thickness	PVC / 0.90mm
Cable Outer Dia Nom. ( $\pm 0.3$ mm)	8.70
Insulation Colors	White-Blue / Blue-White   White-Orange / Orange -White
Operating Temperature Range	-20°C to +80°C
Max. Operating Voltage	300V
Packing Length (Meters)	1000m / 305m / 152m
Max. Conductor DC Resistance @20°C (ohms/km)	94.2
Impedance @ 1MHz ( $\Omega$ )	120 $\pm$ 20
Max. Attenuation @ 1 MHz (dB/100m)	2.60
Nominal Velocity of Propagation (%)	66

### Part Number

D093x-424TPEALB3PVG Y

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### Technical Assistance

**Middle East HQ: +971 (4) 8118000**

**www.dmeprolink.com**