



DEKORON PRODUCT SPECIFICATION

INSTRUMENTATION CABLE - BLUE INTRINSICALLY SAFE

CABLE COMPONENTS

Conductor Size:	1.5mm ²
Conductor Stranding:	7/0.50mm
Conductor Material:	Bare Copper
Insulation Material:	V90HT FR-PVC
Colour Code:	Black, White & Red Numbered Cores
Individual Shield:	Aluminium / Polyester Tape
Individual Drain:	0.8mm ² 7 Strand Tinned Copper
Comm. Wire:	22AWG Solid Bare Copper
Overall Shield:	Aluminium / Polyester Tape
Overall Drain:	0.5mm ² 7 Strand Tinned Copper
Ripcord:	Ripcord
Jacket:	FR-PVC Black Jacket

ELECTRICAL PROPERTIES

Nominal Working Voltage:	110V/150V AC/DC
Resistance:	13.7 Ω/km
L/R Ratio:	20 μH/Ω
Mutual Capacitance:	187 nF/km
Inductance:	541 μH/km

APPLICABLE STANDARDS

AS/NZS 3808:	IEC 60079
AS/NZS 1125:	IEC 60332

PHYSICAL ATTRIBUTES

Part Code	Triad Count	Minimum Bend Radius (mm)	Approx. Weight (kg/km)	Approx. OD (mm)
A1884-60280-203	2	81.03	210	12.294
A1884-60480-203	4	95.76	344	14.580
A1884-60680-203	6	117.09	509	17.678
A1884-60880-203	8	128.27	640	19.431
A1884-61080-203	10	152.91	815	23.292
A1884-61280-203	12	157.73	938	24.054
A1884-61680-203	16	173.23	1197	26.746
A1884-62080-203	20	191.77	1460	29.667
A1884-62480-203	24	215.90	1763	33.528
A1884-63680-203	36	246.63	2517	38.405
A1884-65080-203	50	293.12	3459	45.771