



DEKORON PRODUCT SPECIFICATION

INSTRUMENTATION CABLE

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 Numbered Cores
Individual Shield:	Aluminium / Polyester Tape
Individual Drain:	0.35mm 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:	13.76 Ω/km
L/R Ratio:	20 μH/Ω
Mutual Capacitance:	210 nF/km
Inductance:	541 μH/km

APPLICABLE STANDARDS

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

PHYSICAL ATTRIBUTES

Part Code	Pair Count	Minimum Bend Radius (mm)	Approx. Weight (kg/km)	Approx. OD (mm)
A1874-60280	2	74.17	169	11.074
A1874-60480	4	86.36	264	13.081
A1874-60680	6	105.41	394	15.850
A1874-60880	8	115.06	490	17.374
A1874-61080	10	133.86	597	20.320
A1874-61280	12	138.18	687	20.980
A1874-61680	16	156.21	905	23.825
A1874-62080	20	170.94	1094	26.391
A1874-62480	24	189.48	1290	29.312
A1874-63680	36	214.20	1935	35.700
A1874-65080	50	257.30	2518	40.081