



DEKORON PRODUCT SPECIFICATION

INSTRUMENTATION CABLE WITH STEEL WIRE ARMOUR

CABLE COMPONENTS

Conductor Size: 0.5mm²
 Conductor Stranding: 7/0.30mm
 Conductor Material: Bare Copper
 Insulation Material: V90HT FR-PVC
 Colour Code: Black & White Numbered Cores
 Individual Shield: Aluminium / Polyester Tape
 Individual Drain: 0.35mm² 7 Strand Tinned Copper
 Comm. Wire: 22AWG Solid Bare Copper
 Overall Shield: Aluminium / Polyester Tape
 Overall Drain: 0.5mm² 7 Strand Tinned Copper
 Ripcord: Ripcord
 Bedding: FR-PVC Black Jacket
 Armour: Galvanised Steel Wire Armour
 Jacket: FR-PVC Black Jacket

ELECTRICAL PROPERTIES

Nominal Working Voltage: 110V/150V AC/DC
 Resistance: 34.45 Ω/km
 L/R Ratio: 9 μH/Ω
 Mutual Capacitance: 160 nF/km
 Inductance: 617 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)
A1872-00280	2	169.16	317	12.370
A1872-00480	4	201.17	442	14.884
A1872-00680	6	231.39	617	17.247
A1872-00880	8	246.38	701	18.415
A1872-01080	10	284.48	866	21.133
A1872-01280	12	300.48	1067	22.403
A1872-01680	16	320.04	1223	24.181
A1872-02080	20	344.42	1382	26.111
A1872-02480	24	378.97	1597	28.829
A1872-03680	36	419.61	1987	32.029
A1872-05080	50	477.52	2459	36.576