



## DEKORON PRODUCT SPECIFICATION

### INSTRUMENTATION CABLE WITH STEEL WIRE ARMOUR

#### CABLE COMPONENTS

Conductor Size:	1.5mm <sup>2</sup>
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:	0.80mm <sup>2</sup> 7 Strand Tinned Copper
Comm. Wire <sup>1</sup> :	22AWG Solid Bare Copper
Overall Shield:	Aluminium / Polyester Tape
Overall Drain <sup>2</sup> :	0.5mm <sup>2</sup> 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:	13.7 Ω/km
L/R Ratio:	20 μH/Ω
Mutual Capacitance <sup>3</sup> :	210 nF/km
Inductance:	540 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)
A1882-60280	2	-	-	-
A1882-60480	4	-	-	-
A1882-60680	6	-	-	-
A1882-60880	8	-	-	-
A1882-61080	10	-	-	-
A1882-61280	12	421.98	1868	32.460
A1882-61680	16	-	-	-
A1882-62080	20	-	-	-
A1882-62480	24	-	-	-
A1882-63680	36	-	-	-
A1882-65080	50	-	-	-