



DEKORON PRODUCT SPECIFICATION

INSTRUMENTATION CABLE WITH STEEL WIRE ARMOUR

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
Comm. Wire ¹ :	22AWG Solid Bare Copper
Overall Shield:	Aluminium / Polyester Tape
Overall Drain ² :	0.5mm ² 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:	13.76 Ω/km
L/R Ratio:	20 μH/Ω
Mutual Capacitance ³ :	122 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)
A1863-686RR	1	139.19	267	10.516
A1885-60280	2	-	502	14.644
A1885-60480	4	-	737	18.771
A1885-60680	6	-	1114	22.454
A1885-60880	8	-	1285	24.105
A1885-61080	10	-	1518	27.254
A1885-61280	12	-	1687	28.499
A1885-61680	16	-	1989	31.013
A1885-62080	20	-	2293	33.757
A1885-62480	24	-	2622	36.906
A1885-63680	36	-	-	-
A1885-65080	50	-	-	-

¹No Comm. Wire in 1tr Cable

²Drain Wire in 1tr Cable is 0.35mm²

³Mutual Capacitance of 1tr Cable is 210 nF/km