

SPECIFICATION DATA SHEET

CABLE TYPE 202-290 (RG8 Type)

GENERAL DESCRIPTION

50 OHM LOW LOSS TYPE COAXIAL: 2.70MM PACW CONDUCTOR, AIR CELL DIELECTRIC, ALUM/POLY/ADH TAPE & TACW BRAID SCREEN, PVC JACKET

RELEVANT STANDARDS TO INTERNAL STANDARDS & SPECIFICATIONS

CONSTRUCTION

COMPONENT	MATERIAL BREAKDOWN	DIAMETER
Inner conductor	2.70mm plain annealed copper wire solid	2.70 mm
Dielectric	Polyethylene 5 cell semi air spaced	7.25 mm
Screen 1	Alum/Poly/Adh tape applied Longitudinally at braiding stage	7.35 mm
Screen 2	0.15mm T.A.C.W. 24 spindle carrier 8 wire ends per spindle Coverage of 90%	7.95 mm
Jacket	Polyvinyl chloride Nominal wall RT = 1.17mm	10.30 mm ± 0.20 mm

WEIGHT 150 kg/km (nominal)

ELECTRICAL PARAMETERS

Impedance	50.0 ohm ± 2.0 @200MHz
Attenuation	2.2 dB/100m nominal @40MHz 16.5 dB/100m nominal @1500MHz
Capacitance	78 pF/m ± 3.0

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