

RAYDEX/CDT - SPECIFICATION DATA SHEET

CABLE TYPE RA 7000

GENERAL 75 COAXIAL: 0.61 mm PACW CONDUCTOR, CELLULAR PE DESCRIPTION DIELECTRIC, ALUM/POLY/ADHESIVE TAPE & TACW BRAIDED SCREEN, LH OUTER SHEATH

RELEVANT TO INTERNAL RAYDEX/CDT STANDARDS & SPECIFICATIONS STANDARDS

COMPONENT MATERIAL BREAKDOWN DIAMETER

*Inner conductor 0.61 mm plain annealed 0.61 mm
copper wire solid*

*Dielectric Cellular polyethylene 2.80 mm
Nominal wall RT = 1.10 mm*

*Screen 1 Alum/poly/adhv tape applied 2.90 mm
longitudinally under screen 2*

*Screen 2 0.12 mm TACW 3.40 mm
Nominal coverage of 95%*

*Jacket Low Smoke & Fume 4.50 –
Nominal wall RT = 0.55 mm 0.20 mm*

WEIGHT 28.88 kg/km (nominal)

ADDITIONAL INFORMATION

Less than half the cross sectional area of BT2003

Lower loss than BT2003 beyond 36MHz

Capable of cable runs over 100M at 155MBit/s and up to 250M at 34MBit/s

Ideal for high density voice over IP applications

RA7000 has been designed and tested to exceed the electrical performance of BT specification CW1229 (BT2003)