

SAT500: High Frequency 75 Ohm Coaxial Cable



Available in the Range
ACSAT500
ACSAT500B



ACSAT500



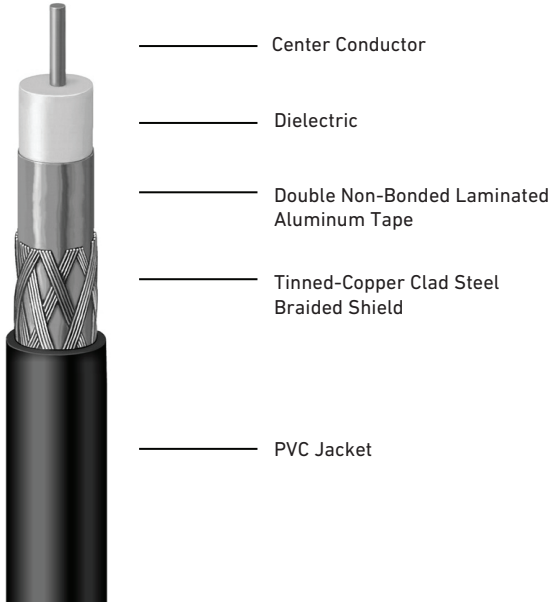
ACSAT500B

- Non-bonded laminated aluminium tape
- 65% braid coverage
- White/Black PVC jacket
- UV resistant
- 96 braid
- 5mm diameter cable for easy installation in conduits.

The Coaxial Cable

Manufactured to withstand the harsh South African climate. Used for standard TV aerial and satellite connections. 96 braid for improved performance.

Diagram



TECHNICAL INFORMATION

ATTENUATION

Frequency (MHz)	Max.value (db/100m)
5	4
175	11
470	18
860	25
1000	28
1500	34
2000	39
2150	40

SPECIFICATIONS

Minimum Bend Radius	100mm
Maximum Pulling Tension	5%
Permissible Temperature	(-25°C) - (80°C)
Cable Weight:	30.5Kg/Km

ELECTRICAL PROPERTIES

Impedance	75.0 +/- 3.0 Ohms
Velocity of Propagation	87.0% Nominal
Structural Return Loss	5 MHz to 999 MHz 20 dB 1000 MHz to 2150 MHz 15 dB
Screening Efficiency	> 85 dB
Nominal DC Resistance (Ohms/km)	
Center Conductor	163 Ohms/Km

PRODUCTION DESCRIPTION

Center Conductor:	0.81 +/- 0.02mm CCS.
Dielectric:	Gas expanded polyethylene
Nominal Diameter Over Dielectric:	3.70 +/- 0.15MM.
1st Shield:	Double laminated aluminium tape non-bonded to the dielectric.
2nd Shield:	96/0.10mm tinned-CCS braid wire 65% COVERAGE.
Jacket:	White/Black PVC jacket.
Nominal Diameter Over Jacket:	5.20 +/- 0.2mm.
Standard:	ANIS/SCTE 74

THE PACKAGE CONTAINS



ACSAT500: 5 x 100m spools
ACSAT500B: 5 x 100m spools

PACKAGING DIMENSIONS

Product	Nett Weight (kg)	Package Weight (kg)	Height (mm)	Width (mm)	Depth (mm)	QTY per Box
ACSAT500	15.3	17	310	280	280	5
ACSAT500B	15.3	17	310	280	280	5