

COAXIAL CABLE WITH NMO CONNECTOR 5M 95%

AP5675

Shielded coaxial cable with 95% shield assembled with a high-quality NMO connector made of nickel-plated brass with a gold-plated center conductor. Since the crimp area is protected by heat-shrink tubing with internal adhesive, sealing is highly efficient. The NMO connector has an exclusive patented piercing-claw system, making installation easier on vehicles with thermal-acoustic or structural roof lining, with no need for scraping to obtain the grounding required for proper operation of the radiating assembly, made up of cable and antenna. The installation hole must be 16mm in diameter.

SPECIFICATIONS

Specified according to the standards:
MIL-C-17/28
Telebrás Practice 235-330-702
ABNT NBR-6244 (flame propagation resistance)

ELECTRICAL DATA AND SHIELDING

SHIELD COVERAGE	95%
NOMINAL IMPEDANCE	50Ω
PROPAGATION VELOCITY	65%

CONDUCTIVE CHARACTERISTICS

INNER CONDUCTOR	TINNED COPPER STRAND $\varnothing$ 0,91MM
ISOLATION	SOLID POLYETHYLENE $\varnothing$ 3MM
OUTER CONDUCTOR	TINNED COPPER WIRE BRAID
JACKET	PVC - FLAME RETARDANT, $\varnothing$ 4,95MM

Frequency (MHz)	10	50	100	200	400	600	800	1000	1500	1800	2000	2400	3000
Attenuation * (dB/100m)	4,19	9,47	13,49	19,28	27,67	34,27	39,94	45,01	56,07	61,96	65,67	72,65	75,63

*Attenuation specified at 20°C

MECHANICAL CHARACTERISTICS

MINIMUM BENDING RADIUS	25MM FOR A SINGLE BEND; 100MM FOR REPEATED BENDING.
AMBIENT TEMPERATURE	MAXIMUM
WEIGHT	80°C 37g/M

