

OUTDOOR GRADE RG6 COAXIAL CABLE (UV GRADE PE)

PART NO.: RG6-6001

DESCRIPTION: Outdoor RG6 Cable, CATV, Broadband, Dual Shielded 95, BCCS 18AWG, UVPE

The KAYBE Outdoor Grade RG6 Coaxial Cable (UV Grade PE) is built for long-lasting performance in harsh outdoor environments, which features a UV-resistant polyethylene (PE) jacket that protects against sunlight, moisture, and temperature extremes. Ideal for satellite, broadband, and CCTV installations, the KAYBE cable ensures reliable signal transmission and durability in exposed conditions.



KEY ADVANTAGES

1. Bare Copper Solid RG6 Cable for Extended Long Range and Durability
2. Designed with High Flammability Jacket with LSZH, CM Rated Grade
3. Tested and Verified for Long Range Signal Frequency and Low Loss
4. Dual Shielded High Coverage for Less Interference
5. Approved by Consultants & Governments Worldwide

CONSTRUCTION DATA SHEET

Operating Temperature	—40°C TO 70°C
CONDUCTOR	
Cond. Material	Copper Covered Steel
No. of Strands	Solid conductor
Conductor (mm)	1.02mm
INSULATION	
Material	Physical Foamed Polyethylene
Color	White
Diameter (mm)	4.80 ± 0.10 mm
SHIELDING	
Shielding Foil Material	Pet Bonded APA Foil
Foil Overlap	20%
Shield Coverage	80% Aluminium Shielded coverage
OUTER JACKET	
Material	UV Rated PE Jacket
Thickness (mm)	0.76 mm (Nominal)
Diameter (mm)	6.80 ± 0.10 mm
Color	Black (Matte finish)
PRINT SHEATH	KAYBE RG6 Cable (RG6-6001) Outdoor UV Rated PE Jacket for CATV/SMATV 001..305M
PACKAGING	305 Meters of Reel

ELECTRICAL PARAMETERS

Impedance (Ohms)	77 ± 3 Ω
DC Resistance Inner Conductor - Ohms/km	102 Ω/KM
DC Resistance Shield Conductor - Ohms/km	30 Ω/KM
Velocity of Propagation	82%
Capacity	54 ± 3 pF/m

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG6-6001	Black	305M/1000FT	1 Reel	UVPE Jacket

TECHNICAL PROPERTIES

SCREENING ATTENUATION DB MINIMUM	
30-1000 MHz	75dB
2000-3000 MHz	55dB
RETURN LOSS STRUCTURAL, DB MINIMUM	
5-1002 MHz	20dB
3000 MHz	14dB
ATTENUATION @ 20°C (DB/100M) MAXIMUM	
5 MHz	2.90
55 MHz	5.25
211 MHz	10.00
450 MHz	14.43
600 MHz	16.73
870 MHz	20.04
1000 MHz	21.49
3000 MHz	36.80

OTHER PRODUCTS INCLUDE

RG59 COAXIAL CABLES BCCS	RG59 COAXIAL CABLES + POWER CCS	RG59 COAXIAL CABLES CU	RG59 COPPER COAXIAL CABLES + POWER CU
RG59 COPPER COAXIAL CABLES + POWER CCS	RG6 COAXIAL CABLES CCS 3GHZ	BROADCASTING, SDI & CATV RG6 COAXIAL CABLES	RG11 INDUSTRIAL COAXIAL CABLES