



KAYBE[®]
Right transmission for the future

COAXIAL CABLES

PRODUCT CATALOG

Engineered for Performance.
Built for Reliability.



SUPERIOR
SIGNAL QUALITY



DURABLE
CONSTRUCTION



FLEXIBLE
& EASY TO INSTALL



WIDE RANGE
OF APPLICATIONS





COAXIAL CABLES

1. RG59 COAXIAL CABLES BCCS
2. RG59 COAXIAL CABLES CU
3. RG59 COAXIAL CABLES + POWER CCS (SE)
4. RG59 COPPER COAXIAL CABLES + POWER CCS (PRO) (RG59U/121)
5. RG59 COPPER COAXIAL CABLES + POWER CCS (PRO) (RG59U/122)
6. RG59 COPPER COAXIAL CABLES + POWER (COPPER PRO)
7. RG59 COPPER + POWER COAXIAL CABLES 100% CU PTZ SERIES
8. RG6 COAXIAL CABLES CCS 3GHZ (75 SE SERIES)
9. RG6 COAXIAL CABLES CCS 3GHZ (95 PREMIUM SERIES)
10. BROADCASTING, SDI & CATV RG6 COAXIAL CABLES (100 ULTRA SERIES)
11. OUTDOOR GRADE RG6 COAXIAL CABLE (UV GRADE PE)
12. RG11 INDUSTRIAL COAXIAL CABLES



RG59 COAXIAL CABLES BCCS

PART NO.: RG59U/101

DESCRIPTION: CCTV, Audio & Video applications, 20AWG BCCS, FR-PVC Jacket

The KAYBE RG59 Coaxial Cables with BCCS (Bare Copper-Clad Steel) conductors are ideal for transmitting video signals in CCTV and analog surveillance systems. They offer a cost-effective solution with good signal integrity over moderate distances. The cable's shielding reduces interference, ensuring reliable performance in both residential and commercial installations.



KEY ADVANTAGES

1. Dual-Shielded RG59 for Superior Performance
2. 75 Ohm Cable Supports High Frequencies
3. Engineered for Indoor and Outdoor Deployment
4. Flame-Retardant Jacket with High Durability
5. Premium Cables for SATV, CATV, MATV Applications

CONSTRUCTION DATA SHEET

CONDUCTOR	
Construction	20AWG BCCS Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE Φ3.80mm±0.1 (Foamed Polyethylene)
SHIELDING	
Material	Copper Covered Aluminium Ultra foil
Braids	128x0.14 CCA Braids (90%)
OUTER JACKET	
Material	Flame Retardant PVC Jacket, Black
Diameter	6.00MM
PRINT SHEATH	KAYBE RG-59U/101 FOR CCTV AUDIO & VIDEO APPLICATIONS HD QUALITY COAXIAL CABLE
PACKAGING	305m/wooden reel , 2 reels/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/101	Black	305M/1000FT	2 Reels/Box	FR-PVC

OTHER PRODUCTS INCLUDE

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



RG59 COAXIAL CABLES CU

PART NO.: RG59U/111

DESCRIPTION: CCTV, Audio & Video applications, 20AWG CCU, Flame retardant PVC Jacket

The KAYBE RG59 Coaxial Cables with CCU (100% Center Copper Conductor) conductors are designed for high-quality video signal transmission, making them ideal for CCTV and broadcast applications. The CCU construction ensures better conductivity and signal performance compared to CCS variants. With effective shielding, these cables minimize signal loss and interference for clear and reliable video output.



KEY ADVANTAGES

1. Pure Copper RG59 Coaxial Cable
2. 75 Ohm Cable Supports Higher Frequencies
3. Certified for Indoor and Outdoor Installation
4. Dual-Shielded, Flame-Retardant Outer Jacket
5. Premium Cables for SATV, CATV, MATV Applications

CONSTRUCTION DATA SHEET

CONDUCTOR	
Construction	20AWG Bare Copper Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE Φ3.80mm±0.1 (Foamed Polyethylene)
SHIELDING	
Material	BONDED APA Copper Covered Aluminium Ultra foil
Braids	128x0.14 CCA Braids
OUTER JACKET	
Material	Flame Retardant PVC Jacket, Black
Diameter	6.00MM
PRINT SHEATH	KAYBE HIGH PURE COPPER CABLES RG-59U/111 FOR LONG RANGE ON CCTV AND VIDEO APPLICATIONS
PACKAGING	305m/wooden reel/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/111	Black	305M/1000FT	2 Reels/Box	Flame Retardant
RG59U/111	White	305M/1000FT	2 Reels/Box	Flame Retardant

OTHER PRODUCTS INCLUDE

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



RG59 COAXIAL CABLES + POWER CCS (SE)

PART NO.: RG59U/120

DESCRIPTION: Siamese SE Series (RG59+Power) 20AWG CCS, 20AWG-2C cca, CCTV Cable

The KAYBE RG59 Coaxial Cables with Power (CCS) combine video signal transmission and power supply in a single cable, making them ideal for CCTV camera installations. The copper-clad steel (CCS) core provides a cost-effective solution for transmitting video over moderate distances. Integrated power wires simplify installation by eliminating the need for separate power cables.



KEY ADVANTAGES

1. Simple Edition 75 - RG59 Power Cable, Entry-Level Solution
2. Ideal for CCTV Over Short to Medium Distances
3. Internationally Tested and Verified by Global Clients
4. 75% Dual Shielding with High-Grade PVC Jacket
5. Reliable CCTV Cable for Audio & Video Applications

CONSTRUCTION DATA SHEET

COAXIAL CABLE	
CONDUCTOR	
Construction	0.813 CCS Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE $\Phi 3.8\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
Material	Copper Color Aluminium Foil
Braids	112x0.12 CCA Braids (75%) + 2C*0.50mm2
POWER CABLE	
CONDUCTOR	
Construction	7/0.30 CCAM (18 AWG power cables high density)
INSULATION	
Insulation	LDPE $\Phi 1.9\pm 0.05$
OUTER JACKET	
Material	PVC Jacket, Black/White A+B $\Phi 6.10\text{MM}$ Outdoor Grade Material
PRINT SHEATH	
	KAYBE RG-59U/101 FOR CCTV AUDIO & VIDEO APPLICATIONS HD QUALITY COAXIAL CABLE
PACKAGING	
	305m/wooden reel , 2 reels/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	130m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/120	Black	305YARDS	1 Reel/Box	PVC

OTHER PRODUCTS INCLUDE

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



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Coaxial Cables

RG59 COPPER COAXIAL CABLES + POWER CCS (PRO)

PART NO.: RG59U/121

DESCRIPTION: Siamese PRO Series (RG59+Power) 20AWG BCCS, 18AWG-2C CCAU, Premium CCTV Cable

The KAYBE RG59 Copper Coaxial Cable with Power (CCS) is designed for efficient CCTV installations, combining video transmission and power supply in one convenient cable. Featuring a copper-clad steel (CCS) core for video and integrated power wires, it offers a cost-effective and space-saving solution. Its shielding reduces interference, ensuring stable signal quality over moderate distances.



KEY ADVANTAGES

1. PRO Edition 95 - RG59 Power Cable, Mid-Level Solution
2. Trusted and Used by Installers and Customers Worldwide
3. Long Range Support up to 200m Verified
4. Flame-Retardant Jacket with Dual-Shielded Protection
5. Premium CCTV Cable for Audio & Video Transmission

CONSTRUCTION DATA SHEET

COAXIAL CABLE	
CONDUCTOR	
Construction	20AWG BCCS Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE $\Phi 3.8\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
Material	Copper color aluminum foil
Braids	95% Coverage with Copper Quoted
POWER CABLE	
CONDUCTOR	
Construction	7/0.37 CCAM (18 AWG power cables high density)
INSULATION	
Insulation	LDPE $\Phi 1.9\pm 0.05$
OUTER JACKET	
Material	PVC Jacket, Black/White A+B $\Phi 6.10\text{MM}$ Outdoor Grade Material
PRINT SHEATH	
	KAYBE HIGH QUALITY SIAMESE CABLE RG-59 & 2C FOR CCTV AND VIDEO APPLICATIONS
PACKAGING	
	300m/wooden reel/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/121	Black	305M/1000FT	1 Reel/Box	FR-PVC
RG59U/121	White	305M/1000FT	1 Reel/Box	FR-PVC

OTHER PRODUCTS INCLUDE

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



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Coaxial Cables

RG59 COPPER COAXIAL CABLES + POWER CCS (PRO)

PART NO.: RG59U/122

DESCRIPTION: Siamese Series (RG59+Power) 100Meter,CCTV Cable,
Installers Edition

The KAYBE RG59 Copper Coaxial Cable with Power (CCS) is designed for efficient CCTV installations, combining video transmission and power supply in one convenient cable. Featuring a copper-clad steel (CCS) core for video and integrated power wires, it offers a cost-effective and space-saving solution. Its shielding reduces interference, ensuring stable signal quality over moderate distances.



KEY ADVANTAGES

1. PRO Edition 95 - RG59 Power Cable, Mid-Level Solution
2. Trusted and Used by Installers and Customers Worldwide
3. Long Range Support up to 200m Verified
4. Flame-Retardant Jacket with Dual-Shielded Protection
5. Premium CCTV Cable for Audio & Video Transmission

CONSTRUCTION DATA SHEET

COAXIAL CABLE	
CONDUCTOR	
Construction	20AWG CCS Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE $\Phi 3.8\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
Material	Copper color aluminum foil
Braids	36AWG CCA Braids (95%) + PVC
POWER CABLE	
CONDUCTOR	
Construction	22AWG 95% CCAM BRAID + PVC
INSULATION	
Insulation	LDPE $\Phi 1.9\pm 0.05$
OUTER JACKET	
Material	PVC Jacket, Black/White A+B $\Phi 6.10\text{MM}$ Outdoor Grade Material
PRINT SHEATH	KAYBE HIGH QUALITY SIAMESE CABLE RG-59 & 2C FOR CCTV AND VIDEO APPLICATIONS
PACKAGING	300m/wooden reel/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/122	Black	100M/328FT	4 Reel/Box	95% Coverage
RG59U/122-70	Black	100M/328FT	4 Reel/Box	70% Coverage

OTHER PRODUCTS INCLUDE

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



RG59 COPPER COAXIAL CABLES + POWER (COPPER PRO)

PART NO.: RG59U/123

DESCRIPTION: Siamese COPPER PRO Series (RG59+Power) 20AWG CCU, 18AWG-2C CCAU, CCTV Cable

The KAYBE RG59 Copper Coaxial Cable with Power (Copper Pro) is designed for high-performance CCTV installations, providing both video signal transmission and power in a single cable. With a pure copper (CU) core, it ensures superior conductivity and minimal signal loss over longer distances. Its integrated power wires and reliable shielding make it ideal for professional surveillance setups requiring consistent and high-quality performance.



KEY ADVANTAGES

1. Copper Pro 100 - RG59 Cable with Power, Professional-Level Solutions
2. Tested for Durability & Reliability in Harsh Environments
3. Long Range Support up to 305m Verified
4. Dual Shielding with Flame-Retardant PVC jacket
5. Globally Trusted Copper CCTV Cable for Audio & Video Transmission

CONSTRUCTION DATA SHEET

COAXIAL CABLE	
CONDUCTOR	
Construction	0.813 CU Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE $\Phi 3.8\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
Material	Copper Color Aluminium Foil
Braids	128x0.12 CCA Braids (95%) + 2C*0.85mm2
POWER CABLE	
CONDUCTOR	
Construction	7/0.40 CCAM (16 AWG power cables high density)
INSULATION	
Insulation	LDPE $\Phi 1.9\pm 0.05$
OUTER JACKET	
Material	FR-PVC Jacket, Black/White A+B $\Phi 6.10\text{MM}$ Flame Retardant Outdoor Grade Material
PRINT SHEATH	KAYBE HIGH QUALITY COPPER CABLES RG-592C123 FOR CCTV AND VIDEO APPLICATIONS
PACKAGING	305m/wooden reel/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/123	Black	305M/1000FT	1 Reel/Box	Flame Retardant

OTHER PRODUCTS INCLUDE

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



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Coaxial Cables

RG59 COPPER + POWER COAXIAL CABLES 100% CU PTZ SERIES

PART NO.: RG59U/222

DESCRIPTION: Siamese PTZ Ultra Series (RG59+Power) Pure Copper advanced, CCTV Cable

The KAYBE RG59 Copper + Power Coaxial Cable (100% CU) is a premium solution for CCTV systems, delivering both high-quality video transmission and power through one cable. Made with 100% pure copper conductors, it ensures maximum conductivity, low signal loss, and excellent performance over long distances. Its durable construction and strong shielding provide reliable, interference-free operation in professional surveillance installations.



KEY ADVANTAGES

1. PTZ Ultra 100 - RG59 Cable with Power Pure Copper for Industry Solutions
2. Excellent Long-Range Support for PTZ & Outdoor-Grade Cameras
3. Approved by Governments and Consultants Worldwide
4. Pro-Grade Flame-Retardant Jacket with Low Loss
5. Engineered for Harsh Environments in CCTV Applications

CONSTRUCTION DATA SHEET

COAXIAL CABLE	
CONDUCTOR	
Construction	0.813 CU Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	Foamed PE $\Phi 3.8\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
Material	Copper color aluminum foil
Braids	128x0.12 CCA Braids (95%) + 2C*0.75mm ² CU
POWER CABLE	
CONDUCTOR	
Construction	7/0.37 CU (18 AWG power cables high density)
INSULATION	
Insulation	LDPE $\Phi 1.9\pm 0.05$
OUTER JACKET	
Material	PVC Jacket, Black A+B $\Phi 6.10$ MM Outdoor Grade Material
PRINT SHEATH	KAYBE HIGH PURE COPPER CABLES RG-592C222 FOR LONG RANGE ON CCTV AND VIDEO APPLICATIONS
PACKAGING	300m/wooden reel/carton

ELECTRICAL SPECIFICATIONS

Attenuation (Min)	50 MHZ - 4.3dB@100m
Attenuation (Mid)	1000 MHZ – 19.4 dB@100m
Attenuation (Max)	2150 MHZ – 29.2 dB@100m
Working distance	200m tested in normal conditions

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG59U/222	Black	305M/1000FT	1 Reel/Box	Flame Retardant
RG59U/222	White	305M/1000FT	1 Reel/Box	Flame Retardant
RG59U/222-Combo	Black	305M/1000FT	1 Reel	Flame Retardant

OTHER PRODUCTS INCLUDE

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



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Coaxial Cables

RG6 COAXIAL CABLES CCS 3GHZ (75 SE SERIES)

PART NO.: RG6U/202

DESCRIPTION: CATV, Broadband RG6 Coaxial Cable, 75 CCS 18AWG, Dual Shielded, PVC

The KAYBE RG6 Coaxial Cable CCS (75 SE Series) is engineered for high-frequency applications like satellite, digital TV, and broadband up to 3GHz. Featuring a copper-clad steel (CCS) conductor, the KAYBE cable offers a cost-effective solution with reliable signal transmission and structural strength. Its shielding enhances signal integrity by reducing interference, ensuring stable performance across various installations.



KEY ADVANTAGES

1. Each Meter Marked for Accurate Identification
2. Entry Level Reliable Solution for CATV & Satellite Systems
3. Durable Grade PVC with Dual Inner Shield
4. Low Attenuation Loss

CONSTRUCTION DATA SHEET

CONDUCTOR	
Construction	19AWG Copper Covered Steel Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	FPE $\Phi 4.80\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
1st Shield	Aluminum PET Bonded Foil (APA)
2nd Shield	Braids: 96x0.12 Al Braids (75%)
OUTER JACKET	
Material	High Grade PVC Degree 70'c Jacket, Black/White
Diameter	6.5-6.60MM
PRINT SHEATH	KAYBE RG6 75% COAXIAL CABLE LOW LOSS FOR AUDIO & VIDEO APPLICATIONS 001M 305M
PACKAGING	305m pullout/2 WOODEN ROLLS/CARTON

ATTENUATION CHARACTERISTICS

50 MHz	4.5dB/100m
450 MHz – 550MHz	14dB/100m
850MHz-1000MHz	21dB/100m
1350 MHz	24.0dB/100m
1750 MHz	27.8dB/100m
2150 MHz	29.5-30dB/100m

SCREENING ATTENUATION (SA)

30-1000 MHz	dB >78
1000-2000 MHz	dB >65
2000-3000 MHz	dB >55

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG6U/202	Black	305M/1000FT	2 Reels/Box	PVC
RG6U/202-100	Black/White	100Y/300FT	6 Reels/Box	PVC

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	BROADCASTING, SDI & CATV RG6 COAXIAL CABLES	OUTDOOR GRADE RG6 COAXIAL CABLE	RG11 INDUSTRIAL COAXIAL CABLES



RG6 COAXIAL CABLES BCCS 3GHZ (95 PREMIUM SERIES)

PART NO.: RG6U/200

DESCRIPTION: CATV, Broadband PRO RG6 Coaxial Cable, 95 BCCS 18AWG, Dual Shielded, FR-PVC

The KAYBE RG6 Coaxial Cable with Bare Copper-Clad Steel conductor is designed for high-frequency signal transmission up to 3GHz, making it ideal for satellite TV, cable, and broadband applications. The 18awg conductor provides a high performance coverage and effective durability. With superior shielding, KAYBE cable minimizes signal interference and ensures reliable performance over moderate distances.



KEY ADVANTAGES

1. Guaranteed Frequency up to 3GHZ
2. Used for Indoor & Outdoor Applications
3. Tested and Verified for Long Range Signal Frequency
4. Flame Retardant PVC with Long Durability
5. Premium Cables for SATV, CATV, Satellite systems

CONSTRUCTION DATA SHEET

CONDUCTOR	
Construction	18AWG (1.02mm) Bare Copper Covered Steel Solid Conductor
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	FPE Φ4.80±0.1 (Foamed Polyethylene)
SHIELDING	
1st Shield	Aluminum PET Bonded Foil (APA)
2nd Shield	Braids: 128x0.12 Al Braids (95%)
JACKET	
Material	Flame Retardant airpressed twisted PVC Jacket
Diameter	6.8-6.90MM
Color	Black/White
PRINT SHEATH	
KAYBE RG6 95% COAXIAL CABLE LOW LOSS FOR AUDIO & VIDEO APPLICATIONS 001M 305M	
PACKAGING	
305m pullout/2 WOODEN ROLLS/CARTON	

ATTENUATION CHARACTERISTICS

50 MHz	4.5dB/100m
450 MHz – 550MHz	14dB/100m
850MHz-1000MHz	21dB/100m
1350 MHz	24.0dB/100m
1750 MHz	27.8dB/100m
2150 MHz	29.5-30dB/100m

SCREENING ATTENUATION (SA)

30-1000 MHz	dB >78
1000-2000 MHz	dB >65
2000-3000 MHz	dB >55

ORDERING INFORMATION AS PER FOLLOWS

PART NO	COLOR	LENGTH	PACKAGING	TYPE
RG6U/200	Black/White	305M/1000FT	2 Reels/Box	FR-PVC
RG6U/200-100	Black/White	100Y/300FT	6 Reels/Box	FR-PVC

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	BROADCASTING, SDI & CATV RG6 COAXIAL CABLES	OUTDOOR GRADE RG6 COAXIAL CABLE	RG11 INDUSTRIAL COAXIAL CABLES



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Coaxial Cables

BROADCASTING, SDI & CATV RG6 COAXIAL CABLES (100 ULTRA SERIES)

PART NO.: RG6U/210

DESCRIPTION: Broadcasting, CATV, SDI, Copper Pro RG6 Coaxial Cable, 95% Dual Shielded CCAU, CMP Jacket

The KAYBE RG6 Coaxial Cables (100 ULTRA Series) are specially designed for broadcasting, SDI, and CATV applications, delivering high-performance signal transmission with minimal loss. Built with premium materials and advanced shielding, the KAYBE cable ensures excellent clarity and stability for high-frequency video and data signals. Ideal for professional-grade installations, the 100 ULTRA Series offers durability, reliability, and consistent performance in demanding environments.



KEY ADVANTAGES

1. Premium UV Rated Outdoor Cable for CATV, CCTV & Broadband Applications
2. Tested and Verified for Long Range Signal Frequency and Low Loss
3. Dual Shielded High Coverage for Less Interference
4. Approved by Consultants & Governments Worldwide

CONSTRUCTION DATA SHEET

Operating Temperature	—40°C TO 70°C
CONDUCTOR	
Cond. Material	Bare Copper
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	Bonded Copper Al Foil
Foil Overlap	100%
Shield Coverage	90% AL MG
OUTER JACKET	
Material	UL-CM GRADE PVC
Thickness (mm)	0.76 mm (Nominal)
Diameter (mm)	6.80 ± 0.10 mm
Color	Black (Matte finish)
PRINT SHEATH	KAYBE India (RG6U210) 100% Copper Coaxial cable for CATV/SMATV 001...305M
PACKAGING	305 Meters of wooden reel/box

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
RG6U/210	Black/White	305M/1000FT	1 Reel/Box	CMP Jacket
RG6U/210-100	Black/White	100Y/300FT	6 Reels/Box	CMP 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	OUTDOOR GRADE RG6 COAXIAL CABLE	RG11 INDUSTRIAL COAXIAL CABLES



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



RG11 INDUSTRIAL COAXIAL CABLES

PART NO.: RG11/U

DESCRIPTION: RG11 High Frequency Low Signal Loss Cable used in CATV, Broadband, CCTV and Outdoor Applications

The KAYBE RG11 Industrial Coaxial Cables are designed for long-distance, high-frequency signal transmission in demanding industrial and commercial environments. With a thicker core and enhanced shielding, KAYBE RG11 offer low signal attenuation and superior performance compared to standard coaxial cables. Ideal for broadband, CATV, and satellite systems, RG11 cables ensure reliable connectivity and durability in large-scale installations.



KEY ADVANTAGES

1. Offering Less Attenuation and Signal Loss than Other Coax Cables
2. Work with High-Frequency Ranges and Maintain Signal Integrity Across Long Distances
3. Available in Variety of Jackets for Indoor & Outdoor Usage
4. Ultra Premium Cables for SATV, CATV, Satellite systems
5. Jelly Braiding for Corrosion Prevention

CONSTRUCTION DATA SHEET

CONDUCTOR	
Construction	14AWG Solid Conductor (BCCS/CU)
IMPEDANCE	
Impedance	75 OHMS Nominal Impedance
INSULATION	
Insulation	FPE $\Phi 7.12\pm 0.1$ (Foamed Polyethylene)
SHIELDING	
1st Shield	Aluminum PET Bonded Foil (APA)
2nd Shield	Braids: 90% Coverage Al Braiding (available in Jelly type, Greasing, standard)
JACKET	
Material	Flame retardant PVC / Outdoor UVPE / LSZH
Diameter	10.10 ~ 10.30 MM
PRINT SHEATH	KAYBE RG11U SERIES COAXIAL CABLE LOW LOSS FOR AUDIO & VIDEO APPLICATIONS 001M 305M
PACKAGING	305m pullout/1 WOODEN ROLL/CARTON

ATTENUATION CHARACTERISTICS

50 MHz	2.9dB/100m
450 MHz – 550MHz	9.5dB/100m
850MHz-1000MHz	13.5dB/100m
2150 MHz	19.5dB/100m
2450 MHz	20.5dB/100m

SCREENING ATTENUATION (SA)

30-1000 MHz	dB >85
1000-2000 MHz	dB >80
2000-3000 MHz	dB >75

ORDERING INFORMATION AS PER FOLLOWS

PART NO	LENGTH	LENGTH	PACKAGING
RG11UBCCS/1101	RG11 Dual Shielded, FR-PVC, 90% Coverage BCCS cable	305M (1000ft)	1 Drum/Box
RG11UBCCS/1102PE	RG11 Dual Shielded, UVPE Outdoor Cable, Jelly Shielded coverage	305M (1000ft) 500M (1650ft)	1 Drum/Box
RG11UCU/1111LS	RG11 100% Solid Copper, LSZH, Dual Shielded jelly corrosion free	305M (1000ft) 500M (1650ft)	1 Drum/Box

OTHER PRODUCTS INCLUDE

BROADCASTING, SDI & CATV RG6 COAXIAL CABLES	OUTDOOR GRADE RG6 COAXIAL CABLE	RG6 COAXIAL CABLES CCS 3GHZ	RG59 COAXIAL CABLES SERIES
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