

# PRODUCT CATALOG 2016







### **Solid Copper Coaxial Cable**

**2-11**

DES currently manufactures a wide variety of cable types, including solid copper cable which meets or exceeds service provider specifications and delivers signal over long cable lengths.

### **Copper Clad Steel Coaxial Cable**

**12-33**

DES currently manufactures a wide variety of cable types, including copper clad cable which performs extremely well and provides tremendous cost savings over solid copper cable. Capable of delivering clean digital signals, our copper clad coaxial cable is tremendously popular.

# PRODUCT SPECIFICATIONS

## SOLID COPPER COAXIAL CABLE, 3GHz RATED

**DES CURRENTLY MANUFACTURES A WIDE VARIETY** of cable types, including solid copper cable which meets or exceeds service provider specifications and delivers signal over long cable lengths.

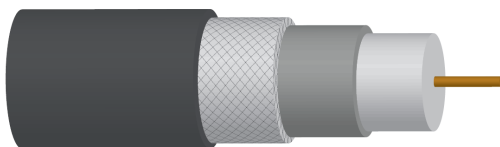
- 3 RG6 75 Ohm 60% Braid Video**
- 4 RG6 75 Ohm 60% Braid Anti-Corrosion**
- 5 RG6 75 Ohm Burial**
- 6 RG6 75 Ohm Single w/ Messenger**
- 7 RG6 75 Ohm Tri-Shield**
- 8 RG6 75 Ohm Quad Shield**
- 9 RG6 75 Ohm Dual**
- 10 RG6 75 Ohm Dual w/ Messenger**
- 11 RG6 75 Ohm Dual w/ Messenger Burial**



DES CABLE MEETS INDUSTRY STANDARDS

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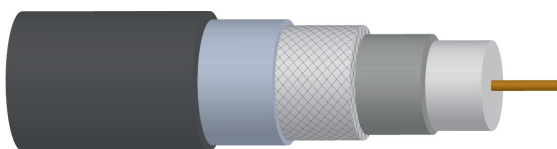
550 Montgomery Hwy, Suite 300  
Birmingham, AL 35216  
866-259-4660 • [info@buydes.com](mailto:info@buydes.com)

**RG6 75 Ohm 60% Braid Video Coaxial Cable****ITEM NUMBER:** S6SSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

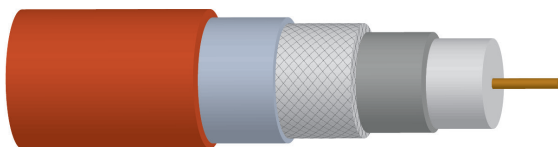
Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**RG6 75 Ohm 60% Braid Anti-Corrosion Coaxial Cable****ITEM NUMBER:** S6ACSSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Anti-Corrosion	AC Compound	N/A
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

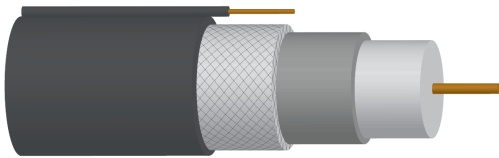
**RG6 75 Ohm Burial Coaxial Cable****ITEM NUMBER:** S6FSSC3GORA

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Orange PE	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**NOTE:** Can also be produced in black

**RG6 75 Ohm Single w/ Messenger Coaxial Cable****ITEM NUMBER:** S6SMSC3GBLK

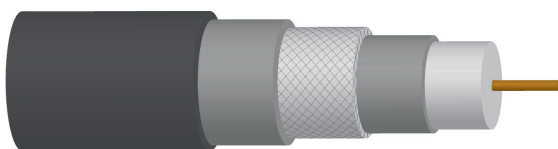
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in
Messenger	PVC over Copper Clad Steel	17 AWG

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**NOTE:** Can also be produced in white or gray & tri- or quad-shield

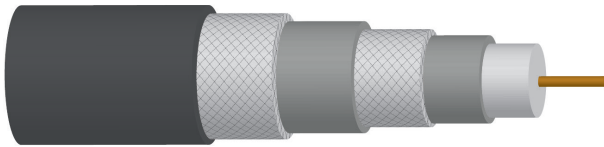


**RG6 75 Ohm Tri-Shield Coaxial Cable****ITEM NUMBER:** S6STSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	AL PE Foil	100% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

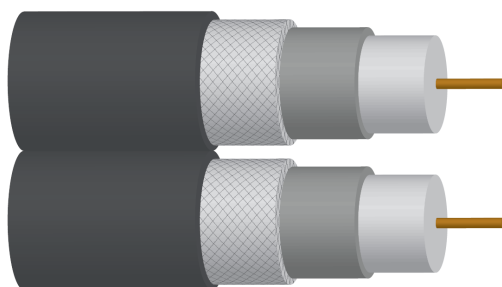
Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**RG6 75 Ohm Quad Shield Coaxial Cable****ITEM NUMBER:** S6SQSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	AL PE Foil	100% Coverage
4th Jacket	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

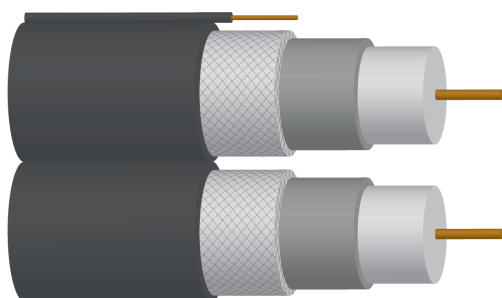
**RG6 75 Ohm Dual Coaxial Cable****ITEM NUMBER:** S6DSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**NOTE:** Can also be produced in white or gray & tri- or quad-shield

**RG6 75 Ohm Dual w/ Messenger Coaxial Cable****ITEM NUMBER:** S6DMSC3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in
Messenger	PVC over Copper Clad Steel	17 AWG

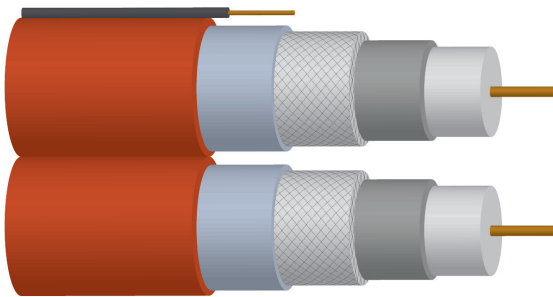
**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**NOTE:** Can also be produced in white or gray & tri- or quad-shield

## RG6 75 Ohm Dual w/ Messenger Burial Coaxial Cable

ITEM NUMBER: S6FDMSC3GORA



DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Solid Copper	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Orange PE	0.27 in
Messenger	PE over Copper Clad Steel	17 AWG

### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**NOTE:** Can also be produced in black  
Drawings not to scale. Specifications subject to change. Revised 8/16/16.

# PRODUCT SPECIFICATIONS

## COPPER CLAD STEEL COAXIAL CABLE, 3GHz RATED

**DES CURRENTLY MANUFACTURES A WIDE VARIETY OF** cable types, including copper clad cable which performs extremely well and provides tremendous cost savings over solid copper cable. Capable of delivering clean digital signals, our copper clad coaxial cable is tremendously popular.

### SATELLITE TV INDOOR & BURIAL COAXIAL CABLE

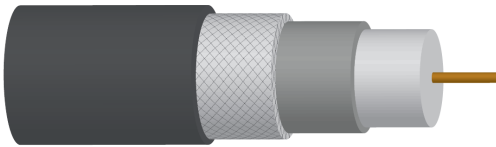
- 13 RG6 75 Ohm 60% Braid Video**
- 14 RG6 75 Ohm 60% Braid Anti-Corrosion**
- 15 RG6 75 Ohm Burial**
- 16 RG6 75 Ohm Single w/ Messenger**
- 17 RG6 75 Ohm Single w/ Messenger Burial**
- 18 RG6 75 Ohm Dual**
- 19 RG6 75 Ohm Dual w/ Messenger**



DES CABLE MEETS INDUSTRY STANDARDS

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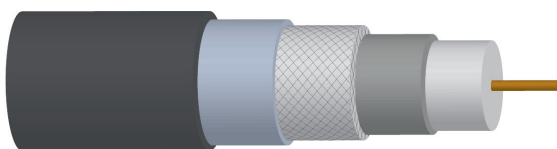
550 Montgomery Hwy, Suite 300  
Birmingham, AL 35216  
866-259-4660 • [info@buydes.com](mailto:info@buydes.com)

**RG6 75 Ohm 60% Braid Video Coaxial Cable****ITEM NUMBER:** S6SCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

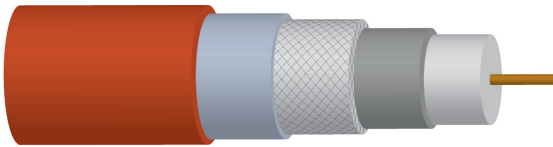
**RG6 75 Ohm 60% Braid Anti-Corrosion Coaxial Cable****ITEM NUMBER:** S6ACSCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Anti-Corrosion	AC Compound	N/A
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

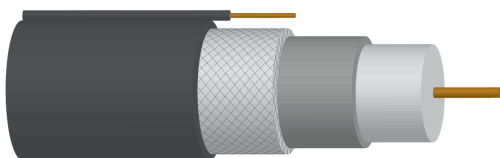


**RG6 75 Ohm Burial Coaxial Cable****ITEM NUMBER:** S6SCCS3GORA

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Orange PE	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**RG6 75 Ohm Single w/ Messenger Coaxial Cable****ITEM NUMBER:** S6SMCCS3GBLK

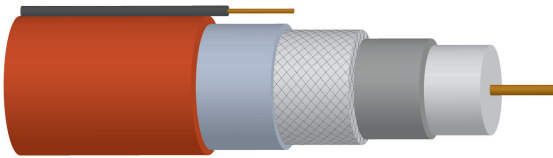
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in
Messenger	PVC over Copper Clad Steel	17 AWG

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

## RG6 75 Ohm Single w/ Messenger Burial Coaxial Cable

ITEM NUMBER: S6SFSMCCS3GORA



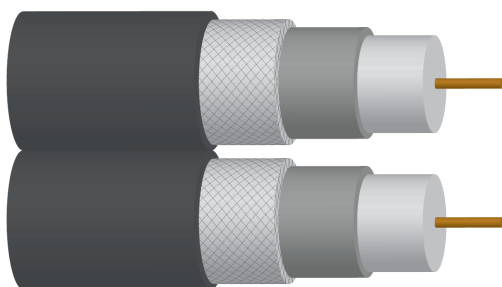
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	yes
Jacket	Orange PE	0.27 in
Messenger	PE over Copper Clad Steel	17 AWG

### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 82.0%

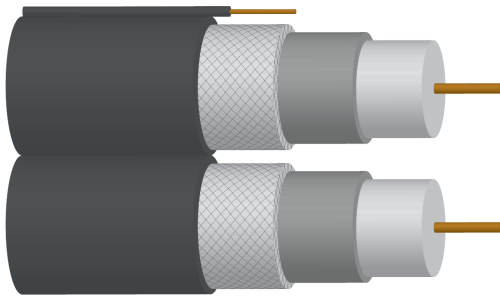
Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**RG6 75 Ohm Dual Coaxial Cable****ITEM NUMBER:** S6DCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

**RG6 75 Ohm Dual w/ Messenger Coaxial Cable****ITEM NUMBER:** S6DMCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in
Messenger	PVC over Copper Clad Steel	17 AWG

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

# PRODUCT SPECIFICATIONS

## COPPER CLAD STEEL COAXIAL CABLE, 3GHz RATED

**DES CURRENTLY MANUFACTURES A WIDE VARIETY OF** cable types, including copper clad cable which performs extremely well and provides tremendous cost savings over solid copper cable. Capable of delivering clean digital signals, our copper clad coaxial cable is tremendously popular.

### CATV INDOOR, AERIAL, & BURIAL DROP COAXIAL CABLE

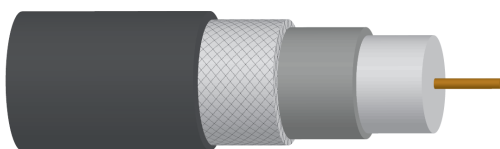
- 21** RG6 75 Ohm 60% Braid Video
- 22** RG6 75 Ohm Aerial Dual Shield
- 23** RG6 75 Ohm Flooded Dual Shield
- 24** RG6 75 Ohm Tri-Shield
- 25** RG6 75 Ohm Aerial Tri-Shield
- 26** RG6 75 Ohm Flooded Tri-Shield
- 27** RG6 75 Ohm Quad Shield
- 28** RG6 75 Ohm Aerial Quad Shield
- 29** RG11 75 Ohm Dual Shield
- 30** RG11 75 Ohm Aerial Dual Shield
- 31** RG11 75 Ohm Flooded Dual Shield
- 32** RG11 75 Ohm Aerial Quad Shield
- 33** RG11 75 Ohm Flooded Quad Shield



DES CABLE MEETS INDUSTRY STANDARDS

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**RG6 75 Ohm 60% Braid Video Coaxial Cable****ITEM NUMBER:** S6SCCS3GBLK

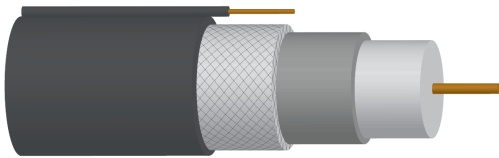
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	AL PE Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.27 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 82.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 2.25GHz	-15.0 dB
Attenuation for 50MHz	1.52 dB
Attenuation for 1000MHz	6.56 dB
Attenuation for 3000MHz	11.47 dB

## RG6 75 Ohm Aerial Dual Shield Coaxial Cable

**ITEM NUMBER:** BS6SMGCCS3GBLK



DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.273 in
Messenger	PVC over Galvanized Steel	16 AWG

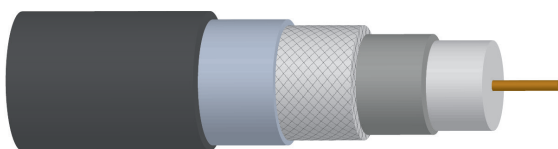
### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB



**RG6 75 Ohm Flooded Dual Shield Coaxial Cable****ITEM NUMBER:** BS6FSCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Black PE	0.273 in

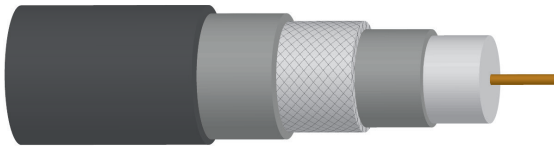
**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

**NOTE:** Can also be produced in orange

## RG6 75 Ohm Tri-Shield Coaxial Cable

**ITEM NUMBER:** BS6ST77CCS3GBLK



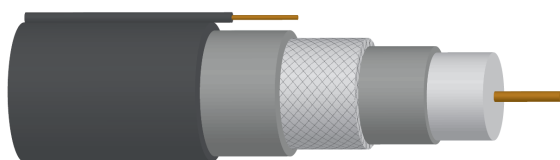
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	77% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
Jacket	Flame Retardant PVC	0.278 in

### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

**RG6 75 Ohm Aerial Tri-Shield Coaxial Cable****ITEM NUMBER:** BS6SMGT77CCS3GBLK

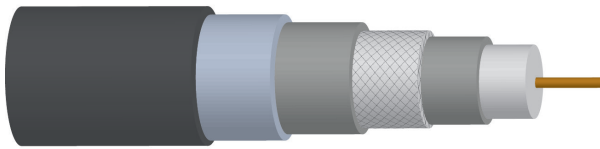
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	77% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
Jacket	Flame Retardant PVC	0.278 in
Messenger	PVC over Galvanized Steel	16 AWG

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

## RG6 75 Ohm Flooded Tri-Shield Coaxial Cable

**ITEM NUMBER:** BS6FST77CCS3GBLK



DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	77% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Black PE	0.278 in

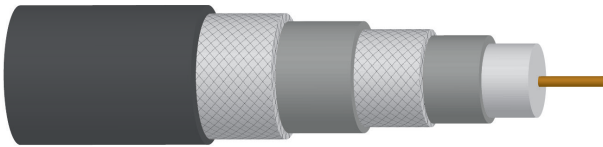
### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

**NOTE:** Can also be produced in orange

**RG6 75 Ohm Quad Shield Coaxial Cable****ITEM NUMBER:** BS6SQCCS3GBLK

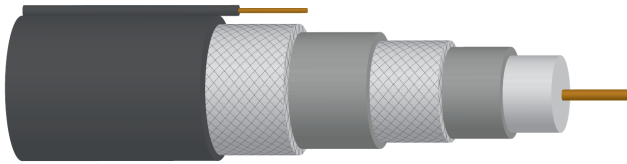
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
4th Shield	Aluminum Braid	40% Coverage
Jacket	Flame Retardant PVC	0.297 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

## RG6 75 Ohm Aerial Quad Shield Coaxial Cable

**ITEM NUMBER:** BS6SQMGCCS3GBLK



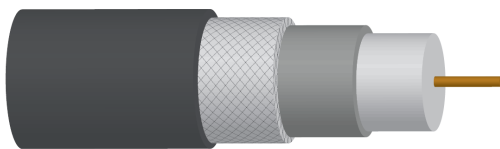
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	18 AWG
Dielectric	Gas Injected FPE	0.180 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
4th Shield	Aluminum Braid	40% Coverage
Jacket	Flame Retardant PVC	0.297 in
Messenger	PVC over Galvanized Steel	16 AWG

### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 83.0%

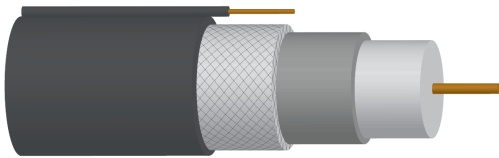
Structural Return Loss 5MHz to 1GHz	-23.0 dB
Structural Return Loss 1GHz to 3GHz	-18.0 dB
Attenuation for 55MHz	1.50 dB
Attenuation for 1000MHz	6.54 dB
Attenuation for 3000MHz	11.44 dB

**RG11 75 Ohm Dual Shield Coaxial Cable****ITEM NUMBER:** BS11SCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	14 AWG
Dielectric	Gas Injected FPE	0.280 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.40 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 3GHz	-15.0 dB
Attenuation for 55MHz	0.95 dB
Attenuation for 1000MHz	4.23 dB
Attenuation for 3000MHz	7.81 dB

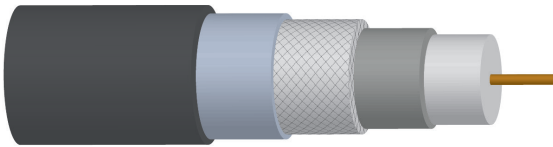
**RG11 75 Ohm Aerial Dual Shield Coaxial Cable****ITEM NUMBER:** BS11SMGCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	14 AWG
Dielectric	Gas Injected FPE	0.280 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Jacket	Flame Retardant PVC	0.40 in
Messenger	PVC over Galvanized Steel	13 AWG

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 3GHz	-15.0 dB
Attenuation for 55MHz	0.95 dB
Attenuation for 1000MHz	4.23 dB
Attenuation for 3000MHz	7.81 dB



**RG11 75 Ohm Flooded Dual Shield Coaxial Cable****ITEM NUMBER:** BS11FSCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	14 AWG
Dielectric	Gas Injected FPE	0.280 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Black PE	0.40 in

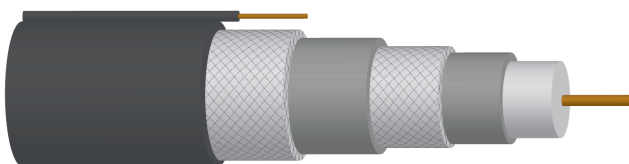
**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 3GHz	-15.0 dB
Attenuation for 50MHz	0.95 dB
Attenuation for 1000MHz	4.23 dB
Attenuation for 3000MHz	7.81 dB

**NOTE:** Can also be produced in orange

## RG11 75 Ohm Aerial Quad Shield Coaxial Cable

**ITEM NUMBER:** BS11SQMGCCS3GBLK



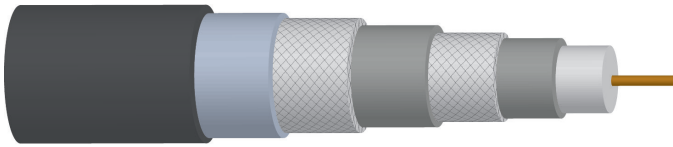
DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	14 AWG
Dielectric	Gas Injected FPE	0.280 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
4th Shield	Aluminum Braid	40% Coverage
Jacket	Flame Retardant PVC	0.407 in
Messenger	PVC over Galvanized Steel	13 AWG

### ELECTRICAL PROPERTIES

**Impedance:** 75.0 Ohm +/- 3.0 Ohms

**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 3GHz	-15.0 dB
Attenuation for 50MHz	0.95 dB
Attenuation for 1000MHz	4.23 dB
Attenuation for 3000MHz	7.81 dB

**RG11 75 Ohm Flooded Quad Shield Coaxial Cable****ITEM NUMBER:** BS11FSQCCS3GBLK

DESCRIPTION	MATERIAL	MEASUREMENTS
Center Conductor	Copper Clad Steel	14 AWG
Dielectric	Gas Injected FPE	0.280 in
1st Shield	Bonded APA Foil	100% Coverage
2nd Shield	Aluminum Braid	60% Coverage
3rd Shield	Bonded APA Foil	100% Coverage
4th Shield	Aluminum Braid	40% Coverage
Flooding Compound	Water Blocking Gel	N/A
Jacket	Black PE	0.407 in

**ELECTRICAL PROPERTIES****Impedance:** 75.0 Ohm +/- 3.0 Ohms**Velocity of Propagation:** 83.0%

Structural Return Loss 5MHz to 1GHz	-20.0 dB
Structural Return Loss 1GHz to 3GHz	-15.0 dB
Attenuation for 50MHz	0.95 dB
Attenuation for 1000MHz	4.23 dB
Attenuation for 3000MHz	7.81 dB

**NOTE:** Can also be produced in orange

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