

# RG6 STANDARD SHIELD WITH MESSENGER

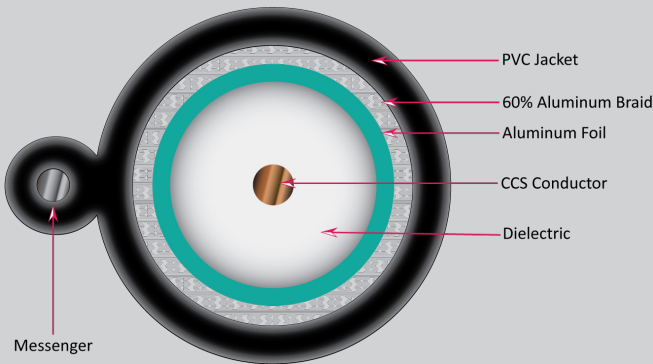


## DESCRIPTION

RG6 Standard Shield with Messenger, 18AWG CCS Conductor, Aluminum Foil + 60% Braid, CL2, CM, PVC Jacket

## FEATURES

- 18AWG CCS Conductor
- Messenger (Aerial Installations)
- 75Ω Impedance
- ISO9001:2008
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool



**SKU: 107-1233BK/MESG**

### Construction

<b>Conductor</b>	Copper Clad Steel (CCS)
Size (±0.01mm)	1.02 (18AWG)
<b>Dielectric</b>	Foam PE
Size (±0.05mm)	4.57
<b>Shield 1</b>	Bonded Aluminum Foil
<b>Braid</b>	Alu-Mag
Coverage (±0.005mm)	60%x16x5x0.12
<b>Jacket</b>	PVC (non UV rated)
Diameter (±0.50mm)	6.90
<b>Messenger</b>	Galvanized Steel
Diameter (mm)	1.15

### Electrical Characteristics

Sparker Test	4000VAC
Impedance (±3Ω)	75
Capacitance (±3pF/m)	54
Velocity of Propagation	85%
Return Loss	(1~470Mz)≥25dB (470~1000Mz)≥22dB (1000~3000Mz)≥18dB

### Mechanical Characteristics

Minimum Breaking Strength of Messenger	0.051 180lb 82Kgf
Recommended Installatio	
Temperature Range	-15°C to +70°C
Operating Temperature Range	-20°C to +70°C

Jacket color available in Black

**VERTICAL CABLE**

951.696.7772 California  
800.749.2447 Florida  
845.391.8318 New York



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Rev. 09/2019

Specs subject to change without notice.

It is the sole responsibility of the user to have the most current specs.

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## PERFORMANCE

### Electrical Properties

Nominall mpedance( $\Omega$ )		75 $\pm$ 3
SparkT est		4000VAC
Capacitance(pF/m)		53 $\pm$ 3
Velocity of Propagation(%)		$\geq$ 85
SRL(dB)	1-470MHz	$\geq$ 25
	471-1000MHz	$\geq$ 22
	1001-3000MHz	$\geq$ 18
Attenuation [@68°F(20°C)]	Frequency(MHz)	Maximum(dB/100m) $\pm$ 5%
	5	2.66
	55	5.25
	211	9.43
	250	10.24
	270	10.63
	300	11.25
	330	11.84
	350	12.20
	400	13.12
	450	14.04
	500	14.80
	550	15.62
	600	16.34
	750	18.44
	870	19.99
	950	21.33
	1000	21.46
	1450	26.25
	1750	28.67
2050	31.04	
2250	32.81	
3000	37.38	

Tensile Strength of Messenger: ----- $\geq$ 1340MPa

Elongation of Messenger:----- $\geq$ 3%

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