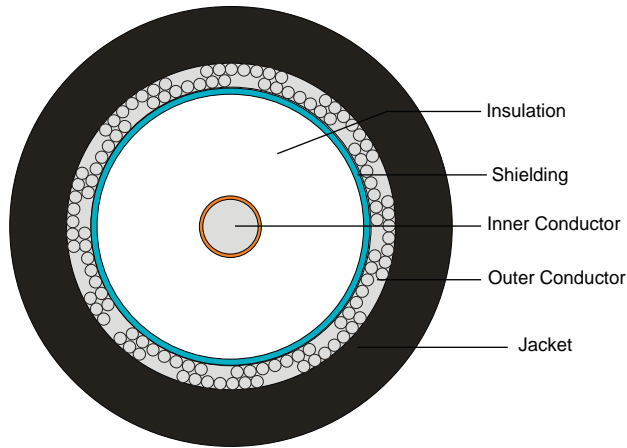


# PG6/U 75 Ohm Coaxial Cable

No: PA-656BV/RG6/U



## CROSS SECTION



## ELECTRICAL CHARACTERISTICS

Test item	Units	Spec
Characteristic Impedance	±3ohm	75
Capacitance	pF/m	53
Velocity ratio	%	82
DCR: Inner Conductor	ohm/km	<105
DCR: Outer Conductor	ohm/km	< 51
Jacket Sparker	VCA	4000
Dielectric Strength	VCA	1000
Insulation resistance	MΩ·km	> 10,000
Return loss	≥20 dB	5-1000 MHz
Attenuation (at 20 °C)		dB/100m
5 MHz		2.80
50 MHz		4.90
100 MHz		6.50
200 MHz		9.00
400 MHz		13.00
600 MHz		16.30
800 MHz		18.90
1000 MHz		21.80

## CABLE DESCRIPTION

- 1 Inner Conductor**  
CCS  
Conductor Dia. 1.02 +/-0.03mm  
Min.Break Strength (N) 629
- 2 Insulation**  
Foam P.E.  
Insulation Dia. 4.57 +/-0.20mm  
Color Neutral  
Centricity ≥ 85%  
Adhesion 10 to 100N @ 25mm
- 3 Shielding**  
AL/P-Foil (Bonded)  
Foil overlap ≥ 115%
- 4 Outer Conductor**  
AL Wire Braid  
Coverage 56 +/-3%
- 5 Jacket**  
PVC  
Outer Dia 6.90 +/-0.20mm  
Color According to customer  
Adhesion 40 to 100N @ 50mm

## RoHS GUIDELINE

Cadmium content (Cd)	< 0.01%
Lead content (Pb)	<0.1%
Mercury content (Hg)	<0.1%
Chromium (VI) content	<0.1%
Polybrominated Biphenyls (PBB)	<0.1%
Polybrominated Diphenyl Ether (PBDE)	<0.1%

## MECHANICAL CHARACTERISTICS

Min.Bending Radius:	
Installation	23mm
Repeated	70mm
Max.Pulling Tension	462
Crush resistance of cable (load of 700N)	< 1 %
Rated Temperature	
Storage/operating temperature	-20~+70 °C
Outdoor Installation	-5°C

Note: The specifications are subjected to change without prior notice.

Version V1.1

Exclusive Distributor in Hong Kong, China and Macau



WELFARE ELECTRONIC COMPONENT LIMITED

OFFICE: 1/F, Cheong Lok Building, 199 Cheung Sha Wan Road, Sham Shui Po, Kowloon, Hong Kong  
SHOP: G/F & 1/F, Ming Chu Building, 201 Apliu Street, Sham Shui Po, Kowloon, Hong Kong

(852) 3182 0888  
(852) 3182 0808  
cs@wecl.com.hk  
WECLonline.com