



element14

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[PP000711](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant

Coaxial Cable RG8/U

pro-POWER

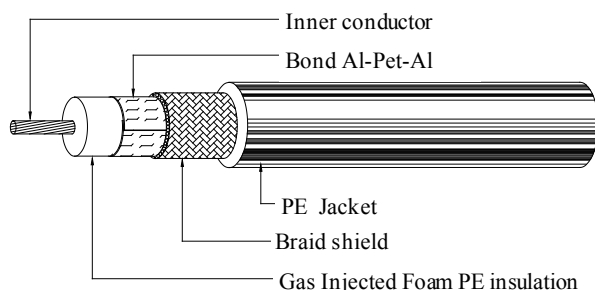


Product Description:

Application	For communication and signal control systems.
Reference Standard	Customer's sample spec.and the general standard
Multi-construction	1

Cable Construction:

Conductor	Copper Clad Aluminim
Construction	2.74 ±0.04
Stranded Dia. (mm)	2.74
Insulation Layer	Gas injection Foam PE
Thickness (mm)	2.25
Insulation Dia. (±0.25mm)	7.25
Insulation Colour	Natural Colour
Bond Al-Pet-Al shield	>115%
Braiding	Tinned Copper
Construction (mm)	T0.15 ±0.008 × 24 × 7
Braid coverage(%)	85%
Jacket Layer	LDPE
Thickness(mm)	1
Dia.(±0.3mm)	10.16
Outer Jacket Colour	Black
Marking	As required by Customer
Packaging	100M/Wooden Drum



Electrical Characteristics:

Max.Conductor DC Resistance at 20°C (Ω/Km)	< 4.6
Min.Insulation DC Resistance at 20°C ($\text{M}\Omega \times \text{Km}$)	>500
Operating Temperature (°C)	-40 to +70
Rated Voltage (V)	600V AC
Breakdown voltage (V)	2,600V DC
Capacitance (pF/m)	78
Velocity ratio (%)	85
Impedance (Ω)	50 $\pm$ 2
Min.Bending radius static	100mm
Attenuation at 20°C (- dB/100m)($\pm$10%)	
140MHz	6
350MHz	9
900MHz	15
1,800MHz	21
1,900MHz	22

Part Number Table

Description	Part Number
Cable, Coaxial, 100m, Black, RG8	PP000711

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.



element14

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[PP000711](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant