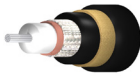
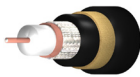


Habiatron // Q Class coaxials

HFI 90 XL dielectric, HFS 105 XL B sheathed coaxials for Class 1E use


Intended for use in safety related equipment located in harsh environments and for accident conditions

Description	Construction					Finished cable				
	Tin Plated Copper (TPC)		HFI 90 L XL	Cu Foil & TPC braid	HFS 105 XL B	Weight	Voltage	Capacitance	Fixed MBR	
50 Ohms	Stranding	Conductor	Dielectric	Shield/s	Sheath/s					Nom g/m
RG 58 Q Class, Black	19 x 0.18	0.90	2.95	Foil: 3.05 Braid: 3.60	4.95 Mica: 5.30 8.20	95	1,400	105	80	700059469
RG Q Class	Copper Covered Steel (CCS)		HFI 90 L XL	Cu Foil & TPC braid	HFS 105 XL B	Weight	Voltage	Capacitance	Fixed MBR	
	75 Ohms	Stranding	Conductor	Dielectric	Shield/s					
RG 59 Q Class, Black	Solid	0.57	3.70	Foil: 3.80 Braid: 4.50	6.15 Mica: 6.50 9.80	125	1,700	72	100	700059482

Attenuation (dB/100m at 20°C)		
Frequency (MHz)	RG 58 Q Class	RG 59 Q Class
30	9	6
100	17	11
400	35	23
1,000	56	37
2,500	91	61

Power (Watts at 40°C)		
Frequency (MHz)	RG 58 Q Class	RG 59 Q Class
30	329	560
100	180	307
400	90	153
1,000	57	97
2,500	36	61

Cable identification		
Dielectric: Natural		
Inner sheath: Black		
Sheath: Black		
Marking: Length - Habia Cable - Voltage - Size - Type - Year-Week - Batchcode - Article No.		

Characteristics and key properties						
	RoHS 2011/65/EU	REACH EC No. 1907/2006		Halogen free to IEC 60754-1 IEC 60754-2	Flame retardant to IEEE 1202 UL1581 VW-1	(40 Years) +80°C High temp
Type tested to IEEE 383					-25°C Low temp	

Data indicates nominal values in millimetres (mm) unless otherwise stated.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice.