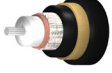
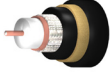


Habiatron™ / R Class coaxials

HFI 90 XL dielectric, HFS 80 N sheathed coaxials for non-Class 1E use




Intended for use in nuclear related equipment located in mild environmental conditions

Order reference		Core			Finished cable				Electrical				
		Tin Plated Copper (TPC)		HFI 90 L XL	Cu Foil & TPC braid	HFS 80 N		Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s	In free air at 40°C						
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms	
RG 58 R Class, Black	700059479	19 x 0.18	0.90	2.95	Foil: 3.05 TPC: 3.60	4.95 Mica 5.30 8.20	95	80	50	105	14	1,400	
		Copper Covered Steel (CCS)		HFI 90 L XL	Cu Foil & TPC braid	HFS 80 N		Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s	In free air at 40°C						
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms	
RG 59 R Class, Black	700045441	Solid	0.57	3.70	Foil: 3.80 TPC: 4.50	6.15 Mica 6.50 9.80	125	100	75	72	10	1,700	


Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)

Frequency MHz	RG 58 R Class		RG 59 R Class	
	dB	W	dB	W
30	9	329	6	560
100	17	180	11	307
400	35	90	23	153
1,000	56	57	37	97
2,500	91	36	61	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	(60 Years) +90°C High temp
	Type tested to IEEE 383		Fixed MBR 7.5x OD	Current rating to IEC 60287	-25°C Low temp

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