

Harnbraid™

Round, over-braiding solutions

Intended as tubular braiding for protection and screening of electrical/mechanical components

Order reference		Former		Construction					Cable bundle		
Description	Article Number	Material	Diameter	Tolerance	Tin Plated Copper (TPC)				Tolerance		
					Carriers	Strands	Strand size				Coverage
			Nom Ø	Nom Ø	#	#	AWG	mm	%	Min Ø	Max Ø
Harnbraid 90-3.0	9003	HFI 90 H	3.0	± 0.13	16	5	36	0.127	90	2.0	3.5
Harnbraid 90-4.0	9004		4.0	± 0.25	16	7	36	0.127	90	3.0	5.0
Harnbraid 90-5.0	9005		5.0	± 0.25	24	6	36	0.127	90	4.0	6.0
Harnbraid 90-6.0	9006		6.0	± 0.25	24	7	36	0.127	90	5.0	8.0
Harnbraid 90-10.0	9010		10.0	± 0.25	24	9	34	0.160	90	7.0	12.0
Harnbraid 90-12.5	9012		12.5	± 0.25	24	10	34	0.160	90	11.0	14.0
Harnbraid 90-15.0	9015		15.0	± 0.38	24	11	32	0.201	90	13.0	18.0
Harnbraid 90-20.0	9020		20.0	± 0.38	36	7	30	0.254	90	17.0	23.0
Harnbraid 90-25.0	9025		25.0	± 0.38	36	9	30	0.254	90	22.0	28.0
Harnbraid 90-30.0	9030		30.0	± 0.38	36	9	28	0.320	90	27.0	40.0
Harnbraid 101-3.0	10103	HFI 90 H	3.0	± 0.13	16	10	38	0.102	93	2.5	5.0
Harnbraid 101-4.0	10104		4.0	± 0.25	24	7	36	0.127	93	3.5	9.0
Harnbraid 101-6.0	10106		6.0	± 0.25	24	9	36	0.127	93	4.5	11.0
Harnbraid 101-7.5	10107		7.5	± 0.25	24	14	36	0.127	93	7.0	16.0
Harnbraid 101-10.0	10110		10.0	± 0.25	36	12	36	0.127	93	8.0	22.0
Harnbraid 101-12.5	10112		12.5	± 0.25	36	15	36	0.127	93	11.0	24.0
Harnbraid 101-15.0	10115		15.0	± 0.38	36	16	36	0.127	93	13.0	28.0
Harnbraid 101-20.0	10120		20.0	± 0.38	36	16	34	0.160	93	16.0	38.0
Harnbraid 101-25.0	10125		25.0	± 0.38	36	16	32	0.201	93	22.0	50.0

Characteristics and key properties										
		RoHS								
								Temp low	Temp >20,000 hrs	
								-65°C	+150°C	

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Order reference		Former			Construction					Cable bundle	
Description	Article Number	Material	Diameter	Tolerance	Nickel Plated Copper (NPC)					Tolerance	
			Nom Ø	Nom Ø	Carriers	Strands	Strand size		Coverage	Min Ø	Max Ø
					#	#	AWG	mm	%		
Harnbraid 103-3.0	10303	HFI 90 H	3.0	± 0.13	16	10	38	0.102	93	2.5	5.0
Harnbraid 103-4.0	10304		4.0	± 0.25	24	7	36	0.127	93	3.5	9.0
Harnbraid 103-6.0	10306		6.0	± 0.25	24	9	36	0.127	93	4.5	11.0
Harnbraid 103-7.5	10307		7.5	± 0.25	24	14	36	0.127	93	7.0	16.0
Harnbraid 103-10.0	10310		10.0	± 0.25	36	12	36	0.127	93	8.0	22.0
Harnbraid 103-12.5	10312		12.5	± 0.25	36	15	36	0.127	93	11.0	24.0
Harnbraid 103-15.0	10315		15.0	± 0.38	36	16	36	0.127	93	13.0	28.0
Harnbraid 103-20.0	10320		20.0	± 0.38	36	16	34	0.160	93	16.0	38.0
Harnbraid 103-25.0	10325		25.0	± 0.38	36	16	32	0.201	93	22.0	50.0

Characteristics and key properties										
CE	UK CA	RoHS								
								Temp low	Temp >20,000 hrs	
								-65°C	+260°C	

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