

Harnbraid

Round, over-braiding solutions

| Description | Former | Construction | | | | | Cable bundle | | Article No. | |
|---------------------|-------------|----------------|-----------------------|----------------------|-------------|----|---------------|-----------|-------------|-----------|
| | | Diameter mm | Number of carriers | Number of strands | Strand size | | Min cov. % | Min mm | | Max mm |
| | | | | | AWG | mm | | | | |
| Harnbraid 90 -3.0 | 3.0 ± 0.13 | 16 | 5 | 36 | 0.13 | 90 | 2.0 | 3.5 | 9003 | |
| Harnbraid 90 -4.0 | 4.0 ± 0.25 | 16 | 7 | 36 | 0.13 | 90 | 3.0 | 5.0 | 9004 | |
| Harnbraid 90 -5.0 | 5.0 ± 0.25 | 24 | 6 | 36 | 0.13 | 90 | 4.0 | 6.0 | 9005 | |
| Harnbraid 90 -6.0 | 6.0 ± 0.25 | 24 | 7 | 36 | 0.13 | 90 | 5.0 | 8.0 | 9006 | |
| Harnbraid 90 -10.0 | 10.0 ± 0.25 | 24 | 9 | 34 | 0.16 | 90 | 7.0 | 12.0 | 9010 | |
| Harnbraid 90 -12.5 | 12.5 ± 0.25 | 24 | 10 | 34 | 0.16 | 90 | 11.0 | 14.0 | 9012 | |
| Harnbraid 90 -15.0 | 15.0 ± 0.38 | 24 | 11 | 32 | 0.20 | 90 | 13.0 | 18.0 | 9015 | |
| Harnbraid 90 -20.0 | 20.0 ± 0.38 | 36 | 7 | 30 | 0.25 | 90 | 17.0 | 23.0 | 9020 | |
| Harnbraid 90 -25.0 | 25.0 ± 0.38 | 36 | 9 | 30 | 0.25 | 90 | 22.0 | 28.0 | 9025 | |
| Harnbraid 90 -30.0 | 30.0 ± 0.38 | 36 | 9 | 28 | 0.32 | 90 | 27.0 | 40.0 | 9030 | |
| Harnbraid 101 -3.0 | 3.0 ± 0.13 | 16 | 10 | 38 | 0.10 | 93 | 2.5 | 5.0 | 10103 | |
| Harnbraid 101 -4.0 | 4.0 ± 0.25 | 24 | 7 | 36 | 0.13 | 93 | 3.5 | 9.0 | 10104 | |
| Harnbraid 101 -6.0 | 6.0 ± 0.25 | 24 | 9 | 36 | 0.13 | 93 | 4.5 | 11.0 | 10106 | |
| Harnbraid 101 -7.5 | 7.5 ± 0.25 | 24 | 14 | 36 | 0.13 | 93 | 7.0 | 16.0 | 10107 | |
| Harnbraid 101 -10.0 | 10.0 ± 0.25 | 36 | 12 | 36 | 0.13 | 93 | 8.0 | 22.0 | 10110 | |
| Harnbraid 101 -12.5 | 12.5 ± 0.25 | 36 | 15 | 36 | 0.13 | 93 | 11.0 | 24.0 | 10112 | |
| Harnbraid 101 -15.0 | 15.0 ± 0.38 | 36 | 16 | 36 | 0.13 | 93 | 13.0 | 28.0 | 10115 | |
| Harnbraid 101 -20.0 | 20.0 ± 0.38 | 36 | 16 | 34 | 0.16 | 93 | 16.0 | 38.0 | 10120 | |
| Harnbraid 101 -25.0 | 25.0 ± 0.38 | 36 | 16 | 32 | 0.20 | 93 | 22.0 | 50.0 | 10125 | |
| Harnbraid 103 -3.0 | 3.0 ± 0.13 | 16 | 10 | 38 | 0.10 | 93 | 2.5 | 5.0 | 10303 | |
| Harnbraid 103 -4.0 | 4.0 ± 0.25 | 24 | 7 | 36 | 0.13 | 93 | 3.5 | 9.0 | 10304 | |
| Harnbraid 103 -6.0 | 6.0 ± 0.25 | 24 | 9 | 36 | 0.13 | 93 | 4.5 | 11.0 | 10306 | |
| Harnbraid 103 -7.5 | 7.5 ± 0.25 | 24 | 14 | 36 | 0.13 | 93 | 7.0 | 16.0 | 10307 | |
| Harnbraid 103 -10.0 | 10.0 ± 0.25 | 36 | 12 | 36 | 0.13 | 93 | 8.0 | 22.0 | 10310 | |
| Harnbraid 103 -12.5 | 12.5 ± 0.25 | 36 | 15 | 36 | 0.13 | 93 | 11.0 | 24.0 | 10312 | |
| Harnbraid 103 -15.0 | 15.0 ± 0.38 | 36 | 16 | 36 | 0.13 | 93 | 13.0 | 28.0 | 10315 | |
| Harnbraid 103 -20.0 | 20.0 ± 0.38 | 36 | 16 | 34 | 0.16 | 93 | 16.0 | 38.0 | 10320 | |
| Harnbraid 103 -25.0 | 25.0 ± 0.38 | 36 | 16 | 32 | 0.20 | 93 | 22.0 | 50.0 | 10325 | |



Available in sizes from 2.5mm to 50mm

Harnbraid is supplied over an LDPE tube which can be easily removed, aiding the application of the braid over bundled wires for hand-built harnesses and cable systems. Harnbraid is available in 90, 101 and 103 styles:

- Harnbraid 90 uses Tin Plated Copper (TPC)
- Harnbraid 101 uses Tin Plated Copper (TPC)
- Harnbraid 103 uses Nickel Plated Copper (NPC)

With a high usable expansion ratio (minimum of 2:1), optical coverage is a minimum of 90% (93% on the 101 and 103 sizes) and a maximum of >99%.