

1604 - Unscreened hook-up wires

Nexans Reference			CONDUCTOR			CORE		DC resist. at 20°C (maxi.) Ω / km	Current rating A	Colour of cores
Type	Cross section	AWG	Construction n x Ø mm	Nominal Ø mm	Tensile strength daN.	Overall diameter mm	Average weight Kg/Km			
1604	0.21	24	19 x 0.12 T.P.C. All.	0.60	7	1.38 ± 0.07	3.4	105.0	4	Light Blue
1604	0.38	22	12 x 0.20 T.P.C.	0.80	8	1.50 ± 0.07	5.1	50.9	7	White
1604	0.60	20	19 x 0.20 T.P.C.	1.00	16	1.70 ± 0.07	7.5	32.2	11	Light Blue
1604	0.93	18	19 x 0.25 T.P.C..	1.20	20	2.0 ± 0.07	11.0	20.6	16	White
1604	1.34	16	19 x 0.30 T.P.C.	1.50	20	2.30 ± 0.10	14.0	14.3	22	Light Blue
1604	1.91	14	27 x 0.30 T.P.C.	1.80	20	2.70 ± 0.10	21.6	10.1	32	White
1604	3.18	12	45 x 0.30 T.P.C.	2.30	20	3.50 ± 0.10	36.1	6.0	41	White
1604	5.15	10	73 x 0.30 T.P.C.	3.00	20	4.20 + 0.10/- 0.20	55.1	3.7	55	White
1604	8.98	8	127 x 0.30 T.P.C.	3.80	20	5.50 + 0.10/- 0.20	90.2	2.1	75	White

The shown current rating is valid for singles wires in air.

Applications

Flexible cables and lightweight range with PVC + superpolyamide insulation for use in low temperature areas. Good abrasion resistance. They withstand most chemical fluids except for concentrated nitric acid.

600 Volts RMS

Construction

1- CONDUCTOR

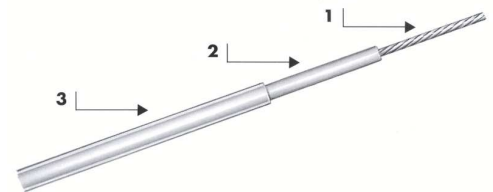
stranded tinned copper wires or stranded tinned copper alloy wires for the cross section area 0.21 mm²

2- INSULATION

polyvinyl chloride (PVC)

3- OUTER JACKET

superpolyamide (radial thickness: from 0.10 mm up to 0.15 mm)



Technical requirements and control conditions

Air 4524 specification of September 1965 - The 105/135°C cat. NFL 52-120B - BNAé specification of December 1971 - Lightweight cables.

Colour coding

To AIR 0107A specification of October 1961.

Interchangeability

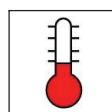
MIL-W-5086 B/7 U.S. specification (December 1970). AICMA N° 5102 specification (December 1962).

Standards

To AIR 4524 and MIL.W 5086 B/7A specifications.

These cables are approved by the Air Ministry under letters: N° 41762 STA/EQ/E2 (12-11-68) for AWG22 up to AWG 8 N° 33587 STA/EQ/E2 (30-3-72) for AWG24

Registered at B.N.Aé: N° 6412 411 A



- 40°C to +105°C



Fire retardant (NF C 32-070/C1)



Flexible



RoHS