

WIRE TYPES	RIBBON TYPES	INSULATION TYPES	SHIELDING TYPES
Brass 70%Cu 30%Zn	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : Stainless steel Copper Foils
Berillium copper	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : Stainless steel Foils
Constantan 70%Cu 30%Ni	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : Stainless steel Constantan Foils
Copper	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : Stainless steel Copper Foils
Manganin 84%Cu 24%Al 4%Ni	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : stainless steel Manganin Foils
Niobium Titanium	Singles - Twisted pairs Triples-Quads - Coaxes	PFA (Perfluoroalkoxy) Pyre-ML (Aromatic poly- imide resin- ML high reliability grade)	Braids : stainless steel
Phosphor bronze	Singles - Twisted pairs- Triples-quads - Coaxes Hybrid mix of all metals and types.	FEP(Fluorinated Ethylene Propylene) PFA (Perfluoroalkoxy) PE (Polyester Enamel)	Braids : Stainless steel Phosphor bronze Constantan Copper Foils

The constructions listed above are a sampling of the cables we can produce. We are able to mix a large range of wire types and styles including 12AX shielded cables and fibre optics. Please contact us for alternative ribbon and cable constructions.

GAUGE NUMBER		NOMINAL DIAMETER		CALCULATED AREA		NOMINAL WEIGHT	
AWG	SWG	Inch	mm	Inch ²	mm ²	lb/1000yd	Kg/km
40		.0031	.079	.00000755	.004869	.08727	.04329
	44	.0032	.081	.000008042	.005189	.09299	.04613
38	42	.0040	.102	.0000126	.008107	.14529	.07207
	40	.0048	.122	.000018096	.01168	.2092	.10379
36		.0050	.127	.0000196	.01267	.2270	.11262
	38	.0060	.152	.00002827	.01824	.3269	.16217
34		.0063	.160	.0000312	.02011	.3604	.17874
	36	.0076	.193	.00004536	.02927	.5245	.2602
32		.0080	.203	.0000503	.03243	.5812	.2883
	34	.0092	.234	.00006648	.04289	.7686	.3813
30		.0100	.254	.00007854	.05067	.9081	.4505
	32	.0108	.274	.00009161	.05910	1.0588	.5252
	30	.0124	.315	.00012076	.07791	1.3966	.6928
28		.0126	.320	.000125	.08064	1.4420	.7153
	28	.0148	.376	.00017203	.11099	1.9887	.9865
26		.018	.457	.0002545	.16417	2.942	1.4595

Please contact us for additional information on alternative wire sizes and values.

These tables are provided to help with design considerations, Tekdata cannot be held responsible for any inaccuracies within these figures.