

# FEP Insulated material

## ◀ VDE ▶ N6YAF.8193 WIRE

For general purpose wiring of electronic Lighting and electrical equipment.

### Description:

Conductor material of Tinned copper  
 Operating temperature -60°C~180 °C  
 RoHS Compliant  
 Reference standard VDE

### Specification:

Gauge (mm <sup>2</sup> )	Construction No./mm	Nom. Dia. of Stranded Conductor		Wire Diam.		Max. Resistance (dc at 20°C) Ohm/per	
		Inch	mm	Inch	mm	1000-ft	Km
				Nom. Fin.	Nom. Fin.		
0.15	7/0.16	.0189	0.48	.0472	1.20	44.50	146
	19/0.10	.0197	0.50	.0472	1.20	44.50	146
0.25	19/0.127	.0252	0.64	.0524	1.33	27.19	89.20
	19/0.15	.0295	0.75	.0571	1.45	16.70	54.80
0.35	7/0.254	.0303	0.77	.0571	1.45	16.70	54.80
	1/0.65	.0256	0.65	.0531	1.35	16.70	54.80
0.50	19/0.19	.0374	0.95	.0650	1.65	10.55	34.60
	1/0.81	.0319	0.81	.0594	1.51	10.55	34.60
0.75	19/0.22	.0433	1.10	.0709	1.80	8.63	28.30
1.00	19/0.254	.0500	1.27	.0780	1.98	7.10	23.30
1.25	19/0.29	.0575	1.46	.0846	2.15	4.48	14.70
1.50	19/0.32	.0634	1.61	.0906	2.30	3.69	12.10
2.00	19/.0.37	.0732	1.86	.1126	2.86	2.73	8.96
2.50	19/0.40	.0791	2.01	.1181	3.00	2.19	7.20
4.00	19/0.52	.1028	2.61	.1500	3.81	1.66	5.45
6.00	19/0.63	.1248	3.17	.1720	4.37	1.13	3.70

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4  
 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available