



DBA WIRECRAFT® PRODUCTS

NEMA HP3 PTFE and NEMA HP4 FEP

NEMA Standard for PTFE Insulated Wire¹:

HP3-(Type) (Construction) (Conductor Material) (AWG) (Number of Strands) (Color)

NEMA Type: ET, E, EE
as described above

Construction:
Wrapped (W), Extruded (X)

Example: HP3-EXCFE9

PTFE, Type E, Extruded, Nickel Plated Copper, 22 AWG, 19 Strands, White

NEMA Standard for FEP Insulated Wire²:

HP4-(Type) (Conductor Material) (AWG) (Number of Strands) (Color)

NEMA Type: KT, K, KK
as described above

Example: HP4-K-BFA9

FEP, Type K, Silver Plated Copper, 22 AWG, Solid, White

Part Number Identification:

Conductor Material and Coating

Letter	Conductor Material & Coating	Letter	Conductor Material & Coating
B	Silver Plated Copper (SPC)	E	Nickel Plated High Strength Copper Alloy (NPC Alloy)
C	Nickel Plated Copper (NPC)	F	Silver Plated Copper Clad Steel (SPCCS)
D	Silver Plated High Strength Copper Alloy (SPC Alloy)	G	Nickel Plated Copper Clad Steel (NPCCS)
		H	Tin Plated Copper (TPC) (HP4 only, not for HP3)

AWG Nominal Conductor Size

AWG	Letter	AWG	Letter	AWG	Letter	AWG	Letter
32	A	20	G	8	N	2/0	W
30	B	18	H	6	P	3/0	Y
28	C	16	J	4	R	4/0	Z
26	D	14	K	2	S		
24	E	12	L	1	T		
22	F	10	M	1/0	U		

Number of Strands

Letter	Number of Strands	Letter	Number of Strands	Letter	Number of Strands	Letter	Number of Strands
A	1	G	37	R	817	V	1665
B	7	L	133	S	1045	W	2109
E	19	P	665	T	1330		