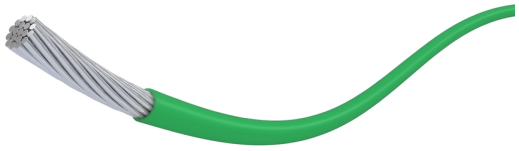
casmocable
CABLES FOR EXTREMES

NEMA HP 4 TYPE KT

-65°C to +200°C, 250V



Construction
Conductor: Silver Plated Copper or Nickel Plated Copper or Tin Coated Copper
Insulation: Extruded · FEP

Thermal Characteristics
Operating Temperature: -65°C to +200°C
Conductor Plating Temperature Rating:
Silver/Nickel-Plated Copper: -65°C to +200°C · Tin-Coated Copper: -65°C to +150°C

Electrical Characteristics
Operating Voltage: 250V

Application
High-reliability equipment wiring: Internal wiring for electrical and electronic equipment, aviation and aircraft systems per ANSI/NEMA HP 4-2021 Type KT (ex. MIL-W-16878/13).

General Characteristics
Zero Solder Melt-Back: High-purity fluoropolymer insulation resists soldering iron heat without shrink-back or melting.
Fluid & Chemical Inertness: Resists fuels, lubricants, hydraulic fluids, oils, acids, alkalis, and industrial solvents.
Low Dielectric Loss: Stable low dielectric constant and dissipation factor support clean high-frequency and signal transmission.

Standards & Approvals
ANSI/NEMA HP 4: FEP-insulated high-temperature hook-up wire, TYPE KT (thin wall, 250 V).
MIL-W-16878/13 (Superseded): Former military specification superseded by NEMA HP 4 TYPE KT.

RoHS COMPLIANT REACH COMPLIANT

CASMO Part No.	Conductor			Cable		Max. DCR @20°C (Ω/km)	Nom. Cable Weight (kg/km)
	Conductor Size (AWG)	No. Of Strands	Strand Size (AWG)	Min. Overall O.D. (mm)	Max. Overall O.D. (mm)		
HP4KT-XBCB*	28	7	36	0.635	0.737	208.66	1.49
HP4KT-XBDA*	26	1	26	0.66	0.762	137.47	2.98
HP4KT-XBDB*	26	7	34	0.737	0.838	130.25	2.98
HP4KT-XBDE*	26	19	38	0.737	0.864	122.38	2.98
HP4KT-XBEA*	24	1	24	0.762	0.864	85.96	4.46
HP4KT-XBEB*	24	7	32	0.864	0.965	80.38	4.46
HP4KT-XBEE*	24	19	36	0.864	0.965	77.43	4.46
HP4KT-XBFA*	22	1	22	0.889	1.016	54.13	4.46
HP4KT-XBFB*	22	7	30	1.016	1.118	51.18	4.46
HP4KT-XBFE*	22	19	34	1.016	1.118	48.56	5.95
HP4KT-XBGA*	20	1	20	1.067	1.168	33.79	7.44
HP4KT-XBGB*	20	7	28	1.219	1.321	32.19	7.44
HP4KT-XBGE*	20	19	32	1.219	1.321	29.86	7.44

Table Notes

* Part numbers shown represent extruded FEP (X) insulation and silver-plated copper conductor (B). Replace "*" with color digit 0–9 per the Color Code Chart below.

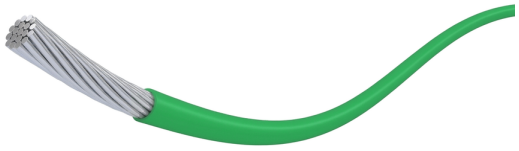
1. Conductor diameter and overall O.D. limits per ANSI/NEMA HP 4; Max. DCR is stated for silver-plated copper (SPC) at 20°C; cable weight is nominal reference value.

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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NEMA HP 4 TYPE KT

-65°C to +200°C, 250V



COLOR CODE CHART					
Cond. #	**Color**	**Cond. #**	**Color**	**Cond. #**	**Color**
0	Black	4	Yellow	8	Gray
1	Brown	5	Green	9	White
2	Red	6	Blue		
3	Orange	7	Violet		

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