

FEP (VDE approved)

300/500V, 180°C

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

180°C • 20 - 14 AWG • Stranded Tin-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue) • **VDE reg. no. 6574 5519**VDE 0207
Part 6

Unshielded

For wiring in electrical appliances and lighting
up to a maximum operating temperature of 180°C.

HMC4032	328	100	1.0	0.5	(16x0.20) TPC	20	0.50	0.059	1.50
HMC4033	328	100	1.6	0.7	(24x0.20) TPC	18	0.75	0.067	1.70
HMC4034	328	100	2.2	1.0	(32x0.20) TPC	17	1.00	0.075	1.90
HMC4035	328	100	2.9	1.3	(30x0.25) TPC	16	1.50	0.083	2.10
HMC4036	328	100	4.2	1.9	(50x0.25) TPC	14	2.50	0.106	2.70

180°C • 20 - 14 AWG • Solid Tin-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue) • **VDE reg. no. 6574 5519**VDE 0207
Part 6

Unshielded



HMC4037	328	100	1.5	0.7	(1x0.80) TPC	20	0.50	0.055	1.40
HMC4038	328	100	2.1	1.0	(1x0.98) TPC	18	0.75	0.063	1.60
HMC4039	328	100	2.6	1.2	(1x1.13) TPC	17	1.00	0.065	1.65
HMC4040	328	100	3.7	1.7	(1x1.38) TPC	16	1.50	0.079	2.00
HMC4041	328	100	6.2	2.8	(1x1.78) TPC	14	2.50	0.098	2.50

TPC = Tin-Plated Copper • DCR = DC resistance

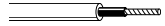
FEP (VDE approved) double insulated

300/500V, 180°C

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

180°C • 20 - 14 AWG • Stranded Tin-Plated Copper Wire**FEP Double Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue) • **VDE reg. no. 6574 9410**VDE 0207
Part 6

Unshielded

For wiring in electrical appliances and lighting
appropriate for protection class II up to an operating
temperature of 180°C.

HMC4042	328	100	2.6	1.2	(16x0.20) TPC	20	0.50	0.083	2.10
HMC4043	328	100	3.3	1.5	(24x0.20) TPC	18	0.75	0.091	2.30
HMC4044	328	100	4.0	1.8	(32x0.20) TPC	17	1.00	0.098	2.50
HMC4045	328	100	5.3	2.4	(30x0.25) TPC	16	1.50	0.106	2.70
HMC4046	328	100	8.2	3.7	(50x0.25) TPC	14	2.50	0.134	3.40

180°C • 20 - 14 AWG • Solid Tin-Plated Copper Wire**FEP Double Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue) • **VDE reg. no. 6574 9410**VDE 0207
Part 6

Unshielded



HMC4047	328	100	2.4	1.1	(1x0.80) TPC	20	0.50	0.079	2.00
HMC4048	328	100	3.1	1.4	(1x0.98) TPC	18	0.75	0.087	2.20
HMC4049	328	100	3.7	1.7	(1x1.13) TPC	17	1.00	0.091	2.30
HMC4050	328	100	5.1	2.3	(1x1.38) TPC	16	1.50	0.102	2.60
HMC4051	328	100	7.9	3.6	(1x1.78) TPC	14	2.50	0.126	3.20

TPC = Tin-Plated Copper • DCR = DC resistance

FEP

600V, 200°C, peak temp 230°C

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

200°C • 20 - 2 AWG • Stranded Silver-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207
Part 6
ASTM-D 2116

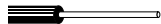
Unshielded

For wiring at low and high ambient temperatures
and/or corrosive environments.

HMC4052	1000	305	5.0	2.3	(7x0.30) SPC	20	0.50	0.059	1.51
HMC4053	1000	305	7.4	3.4	(19x0.228) SPC	18	0.75	0.067	1.69
HMC4054	1000	305	8.7	4.0	(29x0.203) SPC	17	1.00	0.074	1.88
HMC4055	1000	305	12.1	5.5	(27x0.254) SPC	16	1.50	0.088	2.24
HMC4056	1000	305	20.2	9.1	(45x0.254) SPC	14	2.50	0.104	2.65
HMC4057	1000	305	30.2	13.7	(50x0.30) SPC	12	4	0.124	3.15
HMC4058	500	152	22.2	10.1	(75x0.30) SPC	10	6	0.152	3.85
HMC4059	500	152	39.0	17.7	(80x0.404) SPC	8	10	0.224	5.70
HMC4060	500	152	59.1	26.8	(126x0.404) SPC	6	16	0.268	6.80
HMC4061	500	152	91.4	41.5	(196x0.404) SPC	4	25	0.339	8.60
HMC4062	500	152	126.0	57.2	(276x0.404) SPC	2	35	0.390	9.90

200°C • 30 - 22 AWG • Solid Silver-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207
Part 6
ASTM-D 2116

Unshielded



HMC4063	1000	305	0.9	0.4	(1x0.254) SPC	30	0.051	0.034	0.86
HMC4064	1000	305	1.3	0.6	(1x0.32) SPC	28	0.080	0.036	0.92
HMC4065	1000	305	1.8	0.8	(1x0.40) SPC	26	0.126	0.039	1.00
HMC4066	1000	305	2.5	1.1	(1x0.50) SPC	24	0.197	0.043	1.10
HMC4067	1000	305	3.2	1.5	(1x0.64) SPC	22	0.32	0.049	1.24

SPC = Silver-Plated Copper • DCR = DC resistance

FEP (VDE 0881)

900V*, 180°C, peak temp 200°C

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

180°C • 31 - 12 AWG • Stranded Silver-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207
Part 6

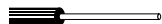
Unshielded

For internal wiring of telecommunication devices,
electronic modules in appliances and for wiring of
telecommunication and data processing systems.

HMC4068	1640	500	1.3	0.6	(7x0.08) SPC	31	0.035	0.034	0.87
HMC4069	1640	500	1.7	0.8	(7x0.10) SPC	30	0.055	0.037	0.93
HMC4070	1640	500	2.0	0.9	(7x0.12) SPC	28	0.079	0.039	0.99
HMC4071	1640	500	2.6	1.2	(7x0.15) SPC	26	0.12	0.043	1.08
HMC4072	1640	500	3.9	1.8	(7x0.20) SPC	24	0.22	0.048	1.23
HMC4073	1640	500	5.4	2.5	(7x0.25) SPC	22	0.34	0.054	1.38
HMC4074	1640	500	8.0	3.7	(7x0.32) SPC	20	0.56	0.063	1.59
HMC4075	1640	500	12.1	5.5	(19x0.25) SPC	18	0.93	0.075	1.90
HMC4076	1640	500	16.5	7.5	(19x0.29) SPC	16	1.30	0.083	2.10
HMC4077	1640	500	23.1	10.5	(19x0.36) SPC	14	1.90	0.096	2.45
HMC4078	1640	500	37.5	17.0	(19x0.46) SPC	12	3.20	0.116	2.95

180°C • 31 - 12 AWG • Solid Silver-Plated Copper Wire**FEP Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207
Part 6

Unshielded



HMC4079	1640	500	1.4	0.7	(7x0.08) SPC	31	0.25	0.033	0.85
HMC4080	1640	500	1.9	0.9	(7x0.10) SPC	30	0.32	0.036	0.92
HMC4081	1640	500	2.4	1.1	(7x0.12) SPC	28	0.40	0.039	1.00
HMC4082	1640	500	3.3	1.5	(7x0.15) SPC	26	0.50	0.043	1.10
HMC4083	1640	500	4.7	2.2	(7x0.20) SPC	24	0.63	0.048	1.23
HMC4084	1640	500	6.9	3.2	(7x0.25) SPC	22	0.80	0.055	1.40
HMC4085	1640	500	10.0	4.6	(7x0.32) SPC	20	1.00	0.063	1.60
HMC4086	1640	500	16.5	7.5	(19x0.25) SPC	18	1.30	0.075	1.90
HMC4087	1640	500	23.1	10.5	(19x0.29) SPC	16	1.60	0.088	2.23
HMC4088	1640	500	38.6	17.5	(19x0.36) SPC	14	2.10	0.106	2.70

* = peak voltage

SPC = Silver-Plated Copper • DCR = DC resistance