

FEP

Multicore Cables

600V, 200°C, peak temp 230°C

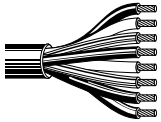
De- scription	Part No.	No. of Cond. (CDR)	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

205°C • 18 - 14 AWG • Stranded Silver-Plated Copper Wire**FEP Insulation** (Color Code: see chart 11, Tech Info Section) • **Overall Grey FEP Jacket**

Unshielded

Industrial areas with high temperature and increased mechanical stress, e.g.

- Instrumentation engineering
- Mechanical engineering
- Chemical industry
- Traffic and automotive
- Lighting industry



HMC0311	2	1640	500	34.2	15.5	(24x0.20) SPC	18	0.75	0.177	4.50
HMC0312	3	1640	500	46.3	21.0	(24x0.20) SPC	18	0.75	0.189	4.80
HMC0313	4	1640	500	63.9	29.0	(24x0.20) SPC	18	0.75	0.201	5.10
HMC0314	5	1640	500	82.7	37.5	(24x0.20) SPC	18	0.75	0.228	5.80
HMC0315	7	1640	500	101.4	46.0	(24x0.20) SPC	18	0.75	0.240	6.10
HMC0316	2	1640	500	41.9	19.0	(32x0.20) SPC	17	1.00	0.193	4.90
HMC0317	3	1640	500	59.5	27.0	(32x0.20) SPC	17	1.00	0.205	5.20
HMC0318	4	1640	500	77.2	35.0	(32x0.20) SPC	17	1.00	0.224	5.70
HMC0319	5	1640	500	97.0	44.0	(32x0.20) SPC	17	1.00	0.240	6.10
HMC0320	7	1640	500	131.2	59.5	(32x0.20) SPC	17	1.00	0.272	6.90
HMC0321	2	1640	500	58.4	26.5	(30x0.25) SPC	16	1.50	0.213	5.40
HMC0322	3	1640	500	79.4	36.0	(30x0.25) SPC	16	1.50	0.228	5.80
HMC0323	4	1640	500	100.3	45.5	(30x0.25) SPC	16	1.50	0.248	6.30
HMC0324	5	1640	500	129.0	58.5	(30x0.25) SPC	16	1.50	0.280	7.10
HMC0325	7	1640	500	169.8	77.0	(30x0.25) SPC	16	1.50	0.307	7.80
HMC0326	2	1640	500	97.0	44.0	(50x0.25) SPC	14	2.50	0.256	6.50
HMC0327	3	1640	500	125.7	57.0	(50x0.25) SPC	14	2.50	0.283	7.20
HMC0328	4	1640	500	162.0	73.5	(50x0.25) SPC	14	2.50	0.307	7.80
HMC0329	5	1640	500	198.4	90.0	(50x0.25) SPC	14	2.50	0.339	8.60
HMC0330	7	1640	500	267.9	121.5	(50x0.25) SPC	14	2.50	0.382	9.70

SPC = Silver-Plated Copper • DCR = DC resistance

FEP – Overall Braid

Multicore Cables

600V, 200°C, peak temp 230°C

De- scription	Part No.	No. of Cond. (CDR)	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	

205°C • 26 - 20 AWG • Stranded Silver-Plated Copper Wire • Separator Foil • Overall Tinned Copper Braid**FEP Insulation (Color Code: see chart 11, Tech Info Section) • Overall Grey FEP Jacket**Overall
> 85% TC
Braid

Industrial areas with high temperature and increased mechanical stress, e.g.

- Instrumentation engineering
- Mechanical engineering
- Chemical industry
- Traffic and automotive
- Lighting industry

HMC0331	2	1640	500	27.6	12.5	(19x0.107) SPC	26	0.14	0.142	3.60
HMC0332	3	1640	500	33.1	15.0	(19x0.107) SPC	26	0.14	0.150	3.80
HMC0333	4	1640	500	38.6	17.5	(19x0.107) SPC	26	0.14	0.154	3.90
HMC0334	5	1640	500	48.5	22.0	(19x0.107) SPC	26	0.14	0.173	4.40
HMC0335	6	1640	500	56.2	25.5	(19x0.107) SPC	26	0.14	0.193	4.90
HMC0336	7	1640	500	59.5	27.0	(19x0.107) SPC	26	0.14	0.193	4.90
HMC0337	2	1640	500	33.1	15.0	(19x0.127) SPC	24	0.25	0.150	3.80
HMC0338	3	1640	500	38.6	17.5	(19x0.127) SPC	24	0.25	0.157	4.00
HMC0339	4	1640	500	43.0	19.5	(19x0.127) SPC	24	0.25	0.165	4.20
HMC0340	5	1640	500	56.2	25.5	(19x0.127) SPC	24	0.25	0.189	4.80
HMC0341	6	1640	500	60.6	27.5	(19x0.127) SPC	24	0.25	0.197	5.00
HMC0342	7	1640	500	69.4	31.5	(19x0.127) SPC	24	0.25	0.197	5.00
HMC0343	2	1640	500	39.7	18.0	(19x0.160) SPC	22	0.34	0.161	4.10
HMC0344	3	1640	500	48.5	22.0	(19x0.160) SPC	22	0.34	0.169	4.30
HMC0345	4	1640	500	59.5	27.0	(19x0.160) SPC	22	0.34	0.193	4.90
HMC0346	5	1640	500	70.5	32.0	(19x0.160) SPC	22	0.34	0.209	5.30
HMC0347	6	1640	500	79.4	36.0	(19x0.160) SPC	22	0.34	0.224	5.70
HMC0348	7	1640	500	86.0	39.0	(19x0.160) SPC	22	0.34	0.224	5.70
HMC0349	2	1640	500	48.5	22.0	(19x0.203) SPC	20	0.50	0.177	4.50
HMC0350	3	1640	500	61.7	28.0	(19x0.203) SPC	20	0.50	0.193	4.90
HMC0351	4	1640	500	81.6	37.0	(19x0.203) SPC	20	0.50	0.213	5.40
HMC0352	5	1640	500	92.6	42.0	(19x0.203) SPC	20	0.50	0.228	5.80
HMC0353	6	1640	500	108.0	49.0	(19x0.203) SPC	20	0.50	0.248	6.30
HMC0354	7	1640	500	117.9	53.5	(19x0.203) SPC	20	0.50	0.248	6.30

TC = Tinned Copper • SPC = Silver-Plated Copper • DCR = DC resistance

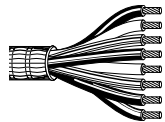
Glass Fiber – Glass Braid

Multicore Cables
300/300V, 350°C

De- scription	Part No.	No. of Cond. (CDR)	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	

350°C • 24 - 12 AWG • Stranded Nickel-Plated Copper Wire • Separator Foil • Overall Silicone Impregnated Glass Fiber Braid

Glass Fiber Insulation (Color Code: see chart 11, Tech Info Section)



Overall
Glass Fiber Braid

For wiring at high ambient temperature and increased mechanical stress, e.g.
- Extrusion and drying installations
- Electric heatings
- Steel and iron fabrication
- Glass and ceramic fabrication

HMC0355	2	1640	500	14.3	6.5	(7x0.20) NPC	24	0.22	0.098	2.50
HMC0356	3	1640	500	16.5	7.5	(7x0.20) NPC	24	0.22	0.106	2.70
HMC0357	4	1640	500	18.7	8.5	(7x0.20) NPC	24	0.22	0.114	2.90
HMC0358	2	1640	500	20.9	9.5	(7x0.25) NPC	22	0.34	0.118	3.00
HMC0359	3	1640	500	16.5	7.5	(7x0.25) NPC	22	0.34	0.130	3.30
HMC0360	4	1640	500	36.4	16.5	(7x0.25) NPC	22	0.34	0.138	3.50
HMC0361	2	1640	500	28.7	13.0	(16x0.20) NPC	20	0.50	0.138	3.50
HMC0362	3	1640	500	39.7	18.0	(16x0.20) NPC	20	0.50	0.146	3.70
HMC0363	4	1640	500	49.6	22.5	(16x0.20) NPC	20	0.50	0.157	4.00
HMC0364	2	1640	500	48.5	22.0	(24x0.20) NPC	18	0.75	0.201	5.10
HMC0365	3	1640	500	61.7	28.0	(24x0.20) NPC	18	0.75	0.220	5.60
HMC0366	4	1640	500	91.5	41.5	(24x0.20) NPC	18	0.75	0.240	6.10
HMC0367	2	1640	500	69.4	31.5	(32x0.20) NPC	17	1.00	0.220	5.60
HMC0368	3	1640	500	97.0	44.0	(32x0.20) NPC	17	1.00	0.236	6.00
HMC0369	4	1640	500	124.6	56.5	(32x0.20) NPC	17	1.00	0.256	6.50
HMC0370	2	1640	500	81.6	37.0	(30x0.25) NPC	16	1.50	0.252	6.40
HMC0371	3	1640	500	113.5	51.5	(30x0.25) NPC	16	1.50	0.268	6.80
HMC0372	4	1640	500	146.6	66.5	(30x0.25) NPC	16	1.50	0.291	7.40
HMC0373	2	1640	500	156.5	71.0	(50x0.25) NPC	14	2.50*	0.327	8.30
HMC0374	3	1640	500	189.6	86.0	(50x0.25) NPC	14	2.50*	0.402	10.20
HMC0375	4	1640	500	248.0	112.5	(50x0.25) NPC	14	2.50*	0.445	11.30
HMC0376	2	1640	500	202.8	92.0	(56x0.30) NPC	12	4*	0.437	11.10
HMC0377	3	1640	500	248.0	112.5	(56x0.30) NPC	12	4*	0.469	11.90
HMC0378	4	1640	500	341.7	155.0	(56x0.30) NPC	12	4*	0.520	13.20

NPC = Nickel-Plated Copper • DCR = DC resistance
* 300/500 Volt construction

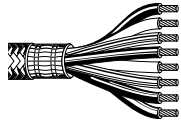
Glass Fiber – Glass Braid, Steel Wire Braid (SWB)

Multicore Cables
300/300V, 350°C

De- scription	Part No.	No. of Cond. (CDR)	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	

350°C • 24 - 12 AWG • Stranded NPC Wire • Impregnated Glass Fiber Shield • Separator Foil • Overall Silicone Impregnated Glass Fiber Braid

Glass Fiber Insulation (Color Code: see chart 11, Tech Info Section) • **SWB**



Overall
Glass Fiber Braid

For wiring at high ambient temperature and increased mechanical stress, e.g.
- Extrusion and drying installations
- Electric heatings
- Steel and iron fabrication
- Glass and ceramic fabrication

HMC0379	2	1640	500	27.6	12.5	(7x0.20) NPC	24	0.22	0.130	3.30
HMC0380	3	1640	500	33.1	15.0	(7x0.20) NPC	24	0.22	0.138	3.50
HMC0381	4	1640	500	36.4	16.5	(7x0.20) NPC	24	0.22	0.150	3.80
HMC0382	2	1640	500	35.3	16.0	(7x0.25) NPC	22	0.34	0.146	3.70
HMC0383	3	1640	500	41.9	19.0	(7x0.25) NPC	22	0.34	0.154	3.90
HMC0384	4	1640	500	54.0	24.5	(7x0.25) NPC	22	0.34	0.165	4.20
HMC0385	2	1640	500	46.3	21.0	(16x0.20) NPC	20	0.50	0.165	4.20
HMC0386	3	1640	500	57.3	26.0	(16x0.20) NPC	20	0.50	0.173	4.40
HMC0387	4	1640	500	68.3	31.0	(16x0.20) NPC	20	0.50	0.189	4.80
HMC0388	2	1640	500	75.0	34.0	(24x0.20) NPC	18	0.75	0.228	5.80
HMC0389	3	1640	500	97.0	44.0	(24x0.20) NPC	18	0.75	0.248	6.30
HMC0390	4	1640	500	116.8	53.0	(24x0.20) NPC	18	0.75	0.268	6.80
HMC0391	2	1640	500	94.8	43.0	(32x0.20) NPC	17	1.00	0.248	6.30
HMC0392	3	1640	500	122.4	55.5	(32x0.20) NPC	17	1.00	0.264	6.70
HMC0393	4	1640	500	156.5	71.0	(32x0.20) NPC	17	1.00	0.283	7.20
HMC0394	2	1640	500	106.9	48.5	(30x0.25) NPC	16	1.50	0.280	7.10
HMC0395	3	1640	500	146.6	66.5	(30x0.25) NPC	16	1.50	0.295	7.50
HMC0396	4	1640	500	179.7	81.5	(30x0.25) NPC	16	1.50	0.319	8.10
HMC0397	2	1640	500	192.9	87.5	(50x0.25) NPC	14	2.50*	0.346	8.80
HMC0398	3	1640	500	234.8	106.5	(50x0.25) NPC	14	2.50*	0.429	10.90
HMC0399	4	1640	500	327.4	148.5	(50x0.25) NPC	14	2.50*	0.484	12.30
HMC0400	2	1640	500	278.9	126.5	(56x0.30) NPC	12	4*	0.476	12.10
HMC0401	3	1640	500	325.2	147.5	(56x0.30) NPC	12	4*	0.508	12.90
HMC0402	4	1640	500	434.3	197.0	(56x0.30) NPC	12	4*	0.559	14.20

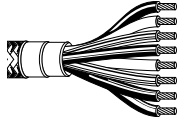
NPC = Nickel-Plated Copper • DCR = DC resistance
* 300/500 Volt construction

Mica - Ceramic Braid, Steel Wire Braid (SWB)

Multicore Cables

380V, 1250°C

De- scription	Part No.	No. of Cond. (CDR)	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	

1250°C • 17 - 10 AWG • Stranded SA Wire • Impregnated Ceramic Fiber Shield • Mica Tape • Overall Impregnated Ceramic Fiber Braid**Mica Insulation** (Color Code: see chart 11, Tech Info Section) • **SWB**Overall
Ceramic Fiber BraidFor wiring at high ambient temperature and increased
mechanical stress, e.g.
- Glass and ceramic fabrication
- Industrial furnaces
- Electric heating systems

HMC0403	2	328	100	17.0	7.7	(32x0.20) SA	17	1.00	0.323	8.20
HMC0404	3	328	100	22.0	10.0	(32x0.20) SA	17	1.00	0.343	8.70
HMC0405	4	328	100	27.6	12.5	(32x0.20) SA	17	1.00	0.382	9.70
HMC0406	5	328	100	34.6	15.7	(32x0.20) SA	17	1.00	0.417	10.60
HMC0407	2	328	100	20.3	9.2	(30x0.25) SA	16	1.50	0.346	8.80
HMC0408	3	328	100	26.5	12.0	(30x0.25) SA	16	1.50	0.370	9.40
HMC0409	4	328	100	33.3	15.1	(30x0.25) SA	16	1.50	0.409	10.40
HMC0410	5	328	100	41.9	19.0	(30x0.25) SA	16	1.50	0.445	11.30
HMC0411	2	328	100	27.3	12.4	(50x0.25) SA	14	2.50	0.374	9.50
HMC0412	3	328	100	34.8	15.8	(50x0.25) SA	14	2.50	0.398	10.10
HMC0413	4	328	100	44.1	20.0	(50x0.25) SA	14	2.50	0.437	11.10
HMC0414	5	328	100	54.0	24.5	(50x0.25) SA	14	2.50	0.484	12.30
HMC0415	2	328	100	37.9	17.2	(56x0.30) SA	12	4	0.437	11.10
HMC0416	3	328	100	52.5	23.8	(56x0.30) SA	12	4	0.469	11.90
HMC0417	4	328	100	67.5	30.6	(56x0.30) SA	12	4	0.516	13.10
HMC0418	5	328	100	89.1	40.4	(56x0.30) SA	12	4	0.571	14.50
HMC0419	2	328	100	51.6	23.4	(84x0.30) SA	10	6	0.484	12.30
HMC0420	3	328	100	71.4	32.4	(84x0.30) SA	10	6	0.520	13.20
HMC0421	4	328	100	91.9	41.7	(84x0.30) SA	10	6	0.571	14.50
HMC0422	5	328	100	116.6	52.9	(84x0.30) SA	10	6	0.634	16.10

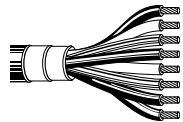
SA = Special Alloy • DCR = DC resistance

Micaflame® – Glass Braid

Multicore Cables

300/500V, 1550°C short term, 300°C permanent

De- scription	Part No.	No. of Cond. (CDR)	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	

1550°C • 17 - 10 AWG • Stranded Nickel-Plated Copper Wire • Glass Fiber Shield • Overall Impregnated Glass Fiber Braid**Micaflame® Insulation** (Color Code: see chart 11, Tech Info Section)

(Jacket optional)

Overall
Glass Fiber Braid

For wiring at high ambient temperature and increased mechanical stress. These cables are fire resistant and offer at least 15 minutes insulation integrity in liquid steel or aluminium, e.g.

- Glass and ceramic fabrication
- Industrial furnaces
- Electric heating systems

HMC0423	2	328	100	23.4	10.6	(32x0.20) NPC	17	1.00	0.402	10.20
HMC0424	3	328	100	31.5	14.3	(32x0.20) NPC	17	1.00	0.433	11.00
HMC0425	4	328	100	39.9	18.1	(32x0.20) NPC	17	1.00	0.476	12.10
HMC0426	5	328	100	50.7	23.0	(32x0.20) NPC	17	1.00	0.524	13.30
HMC0427	2	328	100	26.7	12.1	(30x0.25) NPC	16	1.50	0.421	10.70
HMC0428	3	328	100	36.2	16.4	(30x0.25) NPC	16	1.50	0.453	11.50
HMC0429	4	328	100	45.9	20.8	(30x0.25) NPC	16	1.50	0.496	12.60
HMC0430	5	328	100	58.6	26.6	(30x0.25) NPC	16	1.50	0.551	14.00
HMC0431	2	328	100	33.1	15.0	(50x0.25) NPC	14	2.50	0.465	11.80
HMC0432	3	328	100	45.4	20.6	(50x0.25) NPC	14	2.50	0.492	12.50
HMC0433	4	328	100	58.4	26.5	(50x0.25) NPC	14	2.50	0.543	13.80
HMC0434	5	328	100	73.2	33.2	(50x0.25) NPC	14	2.50	0.606	15.40
HMC0435	2	328	100	41.4	18.8	(56x0.30) NPC	12	4	0.500	12.70
HMC0436	3	328	100	57.8	26.2	(56x0.30) NPC	12	4	0.535	13.60
HMC0437	4	328	100	74.3	33.7	(56x0.30) NPC	12	4	0.591	15.00
HMC0438	5	328	100	91.5	41.5	(56x0.30) NPC	12	4	0.654	16.60
HMC0439	2	328	100	52.5	23.8	(84x0.30) NPC	10	6	0.555	14.10
HMC0440	3	328	100	74.1	33.6	(84x0.30) NPC	10	6	0.594	15.10
HMC0441	4	328	100	98.8	44.8	(84x0.30) NPC	10	6	0.650	16.50
HMC0442	5	328	100	124.6	56.5	(84x0.30) NPC	10	6	0.728	18.50

NPC = Nickel-Plated Copper • DCR = DC resistance