

### Silicone Rubber (H05SJ-K)

Glass Braid

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 <sup>2</sup>		inch	mm	

**180°C • 20 AWG - 350 MCM • Stranded Tin-Plated Copper Wire**

**White Halogen-Free Silicone Insulation • Silicone-impregnated Glass-Fiber Braid**

IEC 60754-1  
 VDE 0282  
 Part 1

Overall  
 Glass-Fiber Braid

For internal wiring at high ambient  
 temperatures, e.g.  
 - Lighting  
 - Domestic appliances  
 - Mechanical engineering



Identification tracer

HMC4255	328	100	2.6	1.2	(16x0.20) TPC	20	0.50	0.106	2.70
HMC4256	328	100	3.3	1.5	(24x0.20) TPC	18	0.75	0.114	2.90
HMC4257	328	100	4.0	1.8	(32x0.20) TPC	17	1.00	0.118	3.00
HMC4258	328	100	4.9	2.2	(30x0.25) TPC	16	1.50	0.138	3.50
HMC4259	328	100	7.7	3.5	(50x0.25) TPC	14	2.50	0.161	4.10
HMC4260	328	100	10.8	4.9	(56x0.30) TPC	12	4	0.181	4.60
HMC4261	328	100	15.0	6.8	(84x0.30) TPC	10	6	0.205	5.20
HMC4262	328	100	28.9	13.1	(80x0.40) TPC	8	10	0.283	7.20
HMC4263	328	100	43.4	19.7	(128x0.40) TPC	6	16	0.331	8.40
HMC4264	164	50	32.5	14.8	(200x0.40) TPC	4	25	0.402	10.20
HMC4265	164	50	43.4	19.7	(280x0.40) TPC	2	35	0.457	11.60
HMC4266	164	50	60.6	27.5	(400x0.40) TPC	1	50	0.528	13.40
HMC4267	164	50	83.9	38.1	(356x0.50) TPC	2/0	70	0.602	15.30
HMC4268	on request		2211.2	1003.0	(485x0.50) TPC	3/0	95	0.713	18.10
HMC4269	on request		2731.5	1239.0	(614x0.50) TPC	4/0	120	0.772	19.60
HMC4270	on request		3386.3	1536.0	(765x0.50) TPC	300 MCM	150	0.843	21.40
HMC4271	on request		4241.7	1924.0	(944x0.50) TPC	350 MCM	185	0.953	24.20

Weights for "on request" are for 1 km

**180°C • 20 - 8 AWG • Solid Tin-Plated Copper Wire**

**White Halogen-Free Silicone Insulation • Silicone-impregnated Glass-Fiber Braid**

IEC 60754-1  
 VDE 0282  
 Part 1

Overall  
 Glass-Fiber Braid



Identification tracer

HMC4272	328	100	2.4	1.1	(1x0.80) TPC	20	0.50*	0.102	2.60
HMC4273	328	100	3.1	1.4	(1x0.98) TPC	18	0.75*	0.106	2.70
HMC4274	328	100	4.0	1.8	(1x1.13) TPC	17	1.00	0.114	2.90
HMC4275	328	100	5.3	2.4	(1x1.38) TPC	16	1.50	0.150	3.80
HMC4276	328	100	7.7	3.5	(1x1.78) TPC	14	2.50	0.154	3.90
HMC4277	328	100	11.5	5.2	(1x2.26) TPC	12	4	0.173	4.40
HMC4278	328	100	16.3	7.4	(1x2.78) TPC	10	6	0.193	4.90
HMC4279	328	100	26.7	12.1	(1x3.60) TPC	8	10	0.248	6.30

\* = according to VDE 0282 part 3

TPC = Tin-Plated Copper • DCR = DC resistance