H05SS-F Harmonized <HAR>

H05SS-F is a special 180 Degree C., harmonized, heavy-duty, tear-resistant black silicone multi-core cable for use in high and low temperature areas or where UV light can be damaging. The harmonization approval on these cables make them ideal for export to or use in European countries and markets. These cables are mainly found in steel mills, foundries, glass factories, baking equipment, burners, heating and lighting systems. The **H05SS-F** have improved characteristics against mechanical stress and is ideal for permanent mechanically protected cable for lighting in industrial applications. The silicone jacket provides added heat-resistance, chemical, oil and acidic resistance. Not permitted for outdoor use.

Construction:
- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Cross-linked silicone (EI 2) core insulation
- Color code VDE-0293-308
- For 2 cores color code is brown & blue
- 6+ cores, color code is black & white numbers
- Cross-linked silicone (EM 9) outer jacket - black
- Notch, tear and UV resistant
- **Extremely oil & chemical resistant**

Technical:
- Working voltage: 300/500 volts
- Test voltage: 2000 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Temp range: -50° C to +180° C
- Short time temp up to +220° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 200 MΩ x km

Approvals:
- <HAR> HD 22.15 S1
- VDE-0282 Part 15
- VDE-0250 Part-816 (N2MH2G)
- Halogen-free to IEC 60754-1
- Low smoke to IEC 60754-2
- CE low voltage directive 72/23/EEC & 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
18 AWG (24/32) 0,75mm2				
6401802	2	0.224 - 0.291" / 5.7 - 7.4mm	10	40
6401803	3	0.244 - 0.319" / 6.2 - 8.1mm	15	48
6401804	4	0.268 - 0.346" / 6.8 - 8.8mm	19	62
6401805	5	0.299 - 0.390" / 7.6 - 9.9mm	24	76
17 AWG (32/32) 1,00mm2				
6401702	2	0.240 - 0.315" / 6.1 - 8.0mm	13	45
6401703	3	0.256 - 0.335" / 6.5 - 8.5mm	19	58
6401704	4	0.280 - 0.366" / 7.1 - 9.3mm	25	70
6401705	5	0.315 - 0.406" / 8.0 - 10.3mm	32	87
16 AWG (30/30)1,50mm2				
6401602	2	0.299 - 0.386" / 7.6 - 9.8mm	19	61
6401603	3	0.315 - 0.409" / 8.0 - 10.4mm	29	74
6401604	4	0.354 - 0.457" / 9.0 - 11.6mm	39	92
6401605	5	0.386 - 0.500" / 9.8 - 12.7mm	48	111
14 AWG (50/30) 2,50mm2				
6401402	2	0.354 - 0.457" / 9.0 - 11.6mm	32	101
6401403	3	0.378 - 0.488" / 9.6 - 12.4mm	48	114
6401404	4	0.421 - 0.543" / 10.7 - 13.8mm	64	142
6401405	5	0.469 - 0.602" / 11.9 - 15.3mm	80	171
12 AWG (56/28) 4,0mm2				168
6401203	3	0.445 - 0.571" / 11.3 - 14.5mm	77	221
6401204	4	0.500 - 0.638" / 12.7 - 16.2mm	103	
10 AWG (84/28) 6,0mm2				
6401003	3	0.504 - 0.642" / 12.8 - 16.3mm	116	254
6401004	4	0.559 - 0.713" / 14.2 - 18.1mm	154	331

*** Additional sizes may be available.**