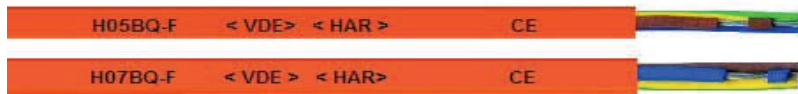


## H05BQ-F / H07BQ-F

<HAR>



**H05BQ-F / H07BQ-F** are harmonized, medium-duty, flexible, EPR rubber insulated, orange polyurethane jacketed multi-conductor European cords. Recommended for use with medium mechanical loads in dry, damp or wet environments. Commonly found in connections to commercial and agriculture electrical tools such as drills, hand-held saws, circular saws and portable motors. May also be used in connections to soldering equipment and heating apparatus providing there is no contact with the actual hot parts or heat rays. **H07BQ-F** can commonly be found in other machinery in agriculture, building sites, docks and refrigeration plants. The robust PUR jacket adds abrasion, notch and tear resistance as well as chemical resistance to oils, fats, petrol, water, ozone, UV radiation, hydrolysis and microbes. Common European designation is NGMH11YÖ



### Construction:

- Fine bare or tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Rubber core insulation to VDE-0282 Part-1
- Color code VDE-0293-308 and HD 308 S2
- Polyurethane outer jacket - orange (RAL 2003)
- **Extremely oil and chemical resistant**

### Technical:

- Working voltage: 300/500 volts
- Voltage: 450/750v (16 AWG and up)
- Test voltage: 2000/2500 volts
- Flexing bending radius: 5.0 x Ø
- Fixed bending radius: 3.0 x Ø
- Flexing Temp: -40° C to +80° C
- Fixed Temp: -50° C to +90° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

### Approvals:

- <HAR> HD22.10 S1
- VDE-0282 Part-10
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- IEC 60245-4
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>18 AWG (24/32) 0,75mm<sup>2</sup></b>				
4301802	2	0.224 - 0.291" / 5.7 - 7.4mm	10	35
4301803	3	0.244 - 0.319" / 6.2 - 8.1mm	15	42
4301804	4	0.268 - 0.346" / 6.8 - 8.8mm	19	54
4301805	5	0.299 - 0.390" / 7.6 - 9.9mm	24	64
<b>17 AWG (32/32) 1,00mm<sup>2</sup></b>				
4301702	2	0.240 - 0.315" / 6.1 - 8.0mm	13	40
4301703	3	0.256 - 0.335" / 6.5 - 8.5mm	19	48
4301704	4	0.280 - 0.366" / 7.1 - 9.3mm	25	61
4301705	5	0.315 - 0.406" / 8.0 - 10.3mm	32	76
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
4301602	2	0.299 - 0.386" / 7.6 - 9.8mm	19	62
4301603	3	0.315 - 0.409" / 8.0 - 10.4mm	29	73
4301604	4	0.354 - 0.457" / 9.0 - 11.6mm	39	97
4301605	5	0.386 - 0.500" / 9.8 - 12.7mm	48	113
4301607	7	0.512 - 0.591" / 13.0 - 15.0mm	68	154
4301612	12	0.669 - 0.787" / 17.0 - 20.0mm	116	267
<b>14 AWG (50/30) 2,50mm<sup>2</sup></b>				
4301402	2	0.354 - 0.457" / 9.0 - 11.6mm	32	81
4301403	3	0.378 - 0.488" / 9.6 - 12.4mm	48	110
4301404	4	0.421 - 0.543" / 10.7 - 13.8mm	64	139
4301405	5	0.469 - 0.602" / 11.9 - 15.3mm	80	176
4301407	7	0.516 - 0.665" / 13.1 - 16.9mm	113	248
<b>12 AWG (56/28) 4,0mm<sup>2</sup></b>				
4301202	2	0.417 - 0.539" / 10.6 - 13.7mm	52	131
4301203	3	0.445 - 0.571" / 11.3 - 14.5mm	77	151
4301204	4	0.500 - 0.638" / 12.7 - 16.2mm	103	219
4301205	5	0.555 - 0.705" / 14.1 - 17.9mm	129	278
<b>10 AWG (84/28) 6,0mm<sup>2</sup></b>				
4301002	2	0.465 - 0.594" / 11.8 - 15.1mm	77	209
4301003	3	0.504 - 0.642" / 12.8 - 16.3mm	116	271
4301004	4	0.559 - 0.713" / 14.2 - 18.1mm	154	333
4301005	5	0.618 - 0.787" / 15.7 - 20.0mm	193	393

\* Additional AWG sizes and core counts may be available.