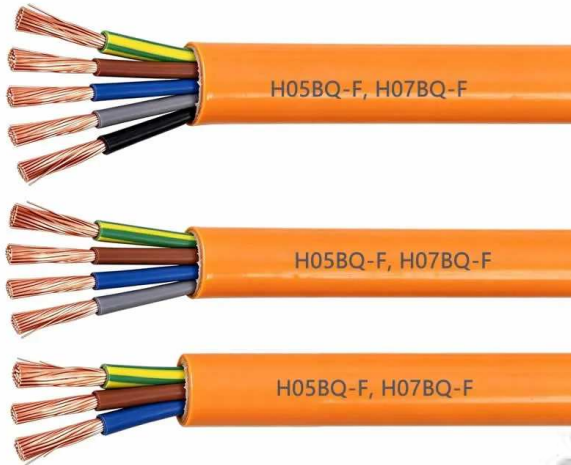


H05BQ-F, H07BQ-F, PUR Sheathed Rubber Insulated Flexible Cables



H05BQ-F and H07BQ-F are the same cable in two voltage classes, and the designation tells you which one you are holding. The 05 type is 300/500V and stops at 0.75 mm² and 1.0 mm² in two to five cores, which is the range that feeds hand tools, lamps and small workshop equipment. The 07 type is 450/750V and starts at 1.0 mm², running to 16 mm² in the same two to five core builds, so it covers site distribution boards, welders and the bigger portative machines. Both use class 5 fine stranded copper, cross-linked elastomer insulation of type EI 6, and a thermoplastic polyurethane sheath of type TPU in orange RAL 2003. The PUR jacket is where the money goes: it resists abrasion, cutting and tearing several times better than rubber, shrugs off mineral oils, diluted acids and alkaline solutions, survives hydrolysis and microbes, and keeps bending down to -40°C. Fixed installation allows -50°C to +90°C, flexing allows -40°C to +80°C, and the conductor may run continuously at 90°C. Both are built to EN 50525-2-21, the harmonized replacement for the old VDE NGMH11YO type, carry TUV and VDE approval, and are halogen free to IEC 60754-1 and IEC 60754-2. Minimum bending radius is 6x the overall diameter, so a 5G6.0 at 20 mm needs 120 mm. Typical work is construction sites, shipyards, marinas, cold stores, stage and event cabling and agricultural machinery, in dry, damp and wet conditions.

Our H05BQ-F, H07BQ-F Power Cable products are fully molded with a low profile ergonomic design and RoHS, REACH and PAHS compliant.

Europe VDE Rubber Power Cables

Specifications

Label	Value
Plug Cables Standard:	EN 50525-2-21 (VDE 0285-525-2-21); EN 60228; EN 60332-1-2; EN 60811-404
Number of Wires	2 cores, 3 cores, 4 cores, 5 cores
Rated Voltage:	300/500V (H05BQ-F), 450/750V (H07BQ-F)
Rated Temperature:	-50°C to +90°C fixed, -40°C to +80°C flexing
Copper Conductor Material:	Oxygen free Copper (OFCU)
Outer Jacket Material:	PVC, Rubber, Halogen-Free, Textile braid
Blade Material:	Nickel coated Brass
Flamability Rating:	UL 94V-0
Color:	black is standard but any color available

Temperature Rating:	minus 40°C though plus 75°C
Approvals:	TUV, VDE, CE Certified List
Environmental Certifications:	RoHS, REACH, PAHs
Testing:	Hi-Pot (Dielectric Withstanding Voltage), Polarity (pinout) and Continuity
Packing:	Standard Export Carton

Our other certificated products



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