

H05BQ-F E_{ca}

PUR sheathed flexible cable, 300/500 V
+90 °C service temperature, zero halogen, oil resistant, high mechanical strength
EN 50525-2-21 and EN 50575

Application

Harmonised PUR-sheathed, flexible cable. Increased durability under harsh conditions thanks to robust PUR outer sheath. These cables can be used for medium mechanical loads in dry, damp or wet environments, e.g. connection of electrical tools on building sites or in cold environments. The cable is highly oil-, abrasion- and impact resistant. Suitable for outdoor use.

Construction



1. Conductor: Copper conductor, flexible (class 5)
2. Insulation: EPR
Core identification: According to HD 308 S2
3. Outer sheath: PUR, orange

Technical information

Rated voltage	U ₀ /U	300/500 V
Max. permissible temperature at conductor		90 °C
Min. operating temperature without mechanical stress		-40 °C to 80 °C
Min. temperature during installation		-25 °C
Min. bending radius mm	fixed installed	4 x outer diameter in mm
	flexible use	12,5 x outer diameter in mm

Additional parameters

Good oil resistance
Good mechanical resistance
Cold resistant

N° of cores and cross section	Outer diameter	Weight
mm ²	approx. mm	approx. kg/km
2 x 0,75	6,4	49
3 G 0,75	7,1	60
4 G 0,75	7,6	76
5 G 0,75	8,5	98
2 x 1	7,0	57
3 G 1	7,4	71
4 G 1	8,1	92
5 G 1	9,0	116

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.