



PUR-SHEATHED FLEXIBLE RUBBER CABLE

EN 50525-2-21

16 orderable sizes

STANDARD EN 50525-2-21	VOLTAGE CLASS 300/500 V	TEMPERATURE CLASS Flexible equipment service by PUR compound
CONDUCTOR Class 5 flexible copper conductor	INSULATION / JACKET PUR abrasion resistant outer sheath	

Construction

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – PUR abrasion resistant outer sheath

Size selection — all available cross-sections

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
H05BQ-F 300/500 V 2 core 0.75 mm²	Abrasion-resistant light mobile duty	2 core	0.75 mm ²	24.7 Ω/km	11.0 mm	0.14 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 2 core 1.0 mm²	Abrasion-resistant light mobile duty	2 core	1.0 mm ²	18.5 Ω/km	11.3 mm	0.15 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 2 core 1.5 mm²	Abrasion-resistant light mobile duty	2 core	1.5 mm ²	12.7 Ω/km	11.7 mm	0.16 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 2 core 2.5 mm²	Abrasion-resistant light mobile duty	2 core	2.5 mm ²	7.6 Ω/km	12.5 mm	0.19 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 3G 0.75 mm²	Abrasion-resistant	3G	0.75 mm ²	24.7 Ω/km	11.8 mm	0.15 kg/m	6 x OD fixed / 8 x

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
	light mobile duty						OD mobile guide
H05BQ-F 300/500 V 3G 1.0 mm²	Abrasion-resistant light mobile duty	3G	1.0 mm ²	18.5 Ω/km	12.1 mm	0.16 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 3G 1.5 mm²	Abrasion-resistant light mobile duty	3G	1.5 mm ²	12.7 Ω/km	12.5 mm	0.18 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 3G 2.5 mm²	Abrasion-resistant light mobile duty	3G	2.5 mm ²	7.6 Ω/km	13.2 mm	0.22 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 4G 0.75 mm²	Abrasion-resistant light mobile duty	4G	0.75 mm ²	24.7 Ω/km	12.4 mm	0.16 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 4G 1.0 mm²	Abrasion-resistant light mobile duty	4G	1.0 mm ²	18.5 Ω/km	12.7 mm	0.17 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 4G 1.5 mm²	Abrasion-resistant light mobile duty	4G	1.5 mm ²	12.7 Ω/km	13.1 mm	0.20 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 4G 2.5 mm²	Abrasion-resistant light mobile duty	4G	2.5 mm ²	7.6 Ω/km	13.9 mm	0.25 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 5G 0.75 mm²	Abrasion-resistant light mobile duty	5G	0.75 mm ²	24.7 Ω/km	13.0 mm	0.17 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 5G 1.0 mm²	Abrasion-resistant light mobile duty	5G	1.0 mm ²	18.5 Ω/km	13.3 mm	0.19 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 5G 1.5 mm²	Abrasion-resistant light mobile duty	5G	1.5 mm ²	12.7 Ω/km	13.7 mm	0.22 kg/m	6 x OD fixed / 8 x OD mobile guide
H05BQ-F 300/500 V 5G 2.5 mm²	Abrasion-resistant light mobile duty	5G	2.5 mm ²	7.6 Ω/km	14.4 mm	0.28 kg/m	6 x OD fixed / 8 x OD mobile guide