

Features

- Flexible polyurethane (PUR) spiral power cable
- 5-core H05BQ-F construction with 0.75 mm² conductors
- 2 m extended length with space-saving coiled design
- Tinned copper conductors for enhanced durability
- Black semi-gloss PUR outer sheath with EPR/EPDM insulation
- Operating temperature range: -25°C to +70°C

RS PRO Spiral Cable TB28 FLEX BQ-F power cable 5G0,75mm², 0.5m / 2.0m Polyurethane (PUR)

RS Stock No.: 283-6005



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS PRO Spiral Cable H05BQ-F TB28 FLEX power cable is a high-quality spiral cable designed to provide a reliable and durable power connection in applications requiring flexibility and repeated movement. Constructed with 5-core 0.75 mm² conductors made from tinned copper wires, the cable delivers dependable electrical performance and enhanced resistance to corrosion. The conductors are insulated with EPR/EPDM material, while the durable black polyurethane (PUR) outer sheath provides excellent resistance to abrasion, mechanical wear, and frequent flexing, helping to ensure long service life in demanding environments. Its coiled design allows the cable to extend up to 2 m when required and retract when not in use, supporting efficient cable management and reducing the risk of cable damage or entanglement.

This cable is commonly used for connecting movable machinery, automation systems, material handling equipment, and portable electrical devices where flexibility and durability are essential. Typical applications include industrial production equipment, machine tools, mobile workstations, lifting systems, and power supply connections subject to regular movement. Suitable for operation in temperatures ranging from -25°C to +70°C, the cable is designed to provide reliable power transmission and effective mechanical protection in a wide range of industrial and commercial environments.

General Specifications

Brand	RS PRO
Product Type	Spiral Cable
Series	TB28 FLEX BQ-F power cable
Number of cores	5
Cable CSA	0,75 mm ²
Shielding	No
Jacket Material	Polyurethane (PUR)
Jacket colour	Black (semi-glossy)
Conductor type	42x0,15 mm Tinned copper
Conductor insulation	EPR/EPDM
Conductor colours	Blue, Brown, Black, Grey + Yellow/Green

Mechanical Specifications

Cable diameter	8,70mm
Conductor diameter	2,35mm
Spiral diameter	31,40mm
Retracted spiral cable length	0.5m
Extended spiral cable length	2m
Weight	0.40kg
Extension rate	4

Operation Environment Specifications

Minimum operating temperature	-25 °C
Maximum operating temperature	70 °C

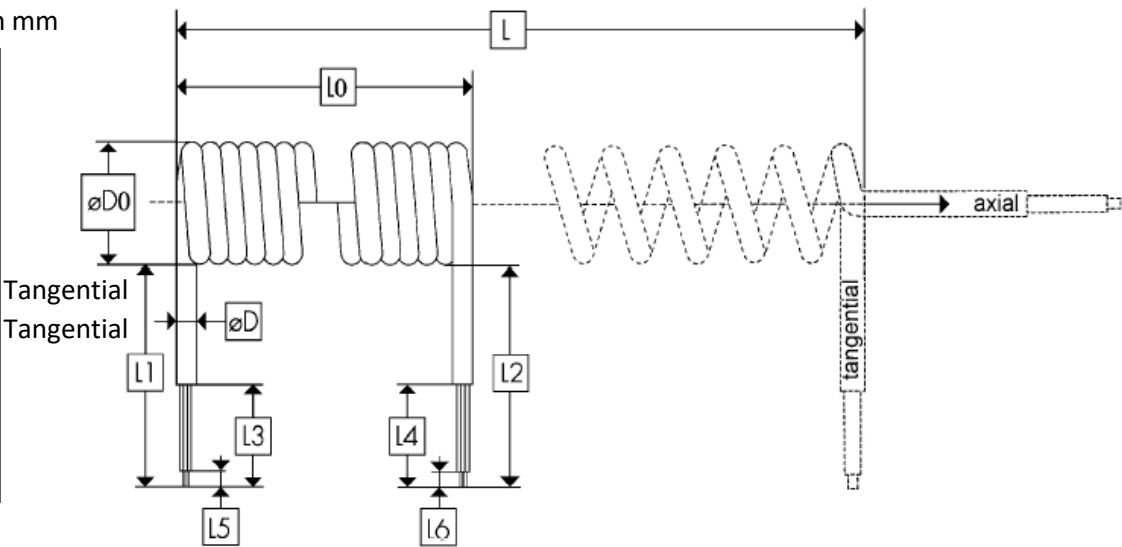
Approvals

Compliance/Certifications	RoHS; EN 50525-2-21
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Dimensional Drawing

*Dimensions below in mm

Key to Standard Diagram	
L	2000
L0	500
ØD	8,8
ØD0	31,6
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances ± 10% unless stated otherwise