

Features

- Flexible polyurethane (PUR) spiral power cable
- 5-core H05BQ-F TB28 FLEX construction with 5 x 1.00 mm² conductors
- 6 m extended length with space-saving coiled design
- Tinned copper conductors with EPR/EPDM insulation
- Black semi-gloss polyurethane (PUR) outer sheath
- Operating temperature range: -25°C to +70°C

RS PRO Spiral Cable TB28 FLEX BQ-F power cable 5G1,00mm², 1.5m / 6.0m Polyurethane (PUR)

RS Stock No.: 284-4928



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 tinned copper conductors, the cable delivers dependable electrical performance and enhanced resistance to corrosion. The conductors are insulated with EPR/EPDM material, while the durable black semi-gloss polyurethane (PUR) outer sheath provides excellent resistance to abrasion, mechanical wear, and frequent flexing, helping to ensure a long service life in demanding environments. Its coiled design allows the cable to extend up to 6 m when required and retract when not in use, supporting efficient cable management and reducing the risk of tangling or cable damage.

This cable is commonly used for connecting movable machinery, automation systems, industrial equipment, and portable electrical devices where flexibility and durability are essential. Typical applications include production machinery, material handling equipment, 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 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	1,00 mm ²
Shielding	No
Jacket Material	Polyurethane (PUR)
Jacket colour	Black (semi-glossy)
Conductor type	56x0,15 mm Tinned copper
Conductor insulation	EPR/EPDM
Conductor colours	Blue, Brown, Black, Grey + Yellow/Green

Mechanical Specifications

Cable diameter	9,30mm
Conductor diameter	2,50mm
Spiral diameter	33,60mm
Retracted spiral cable length	1.5m
Extended spiral cable length	6m
Weight	1.49kg
Extension rate	4

Operation Environment Specifications

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

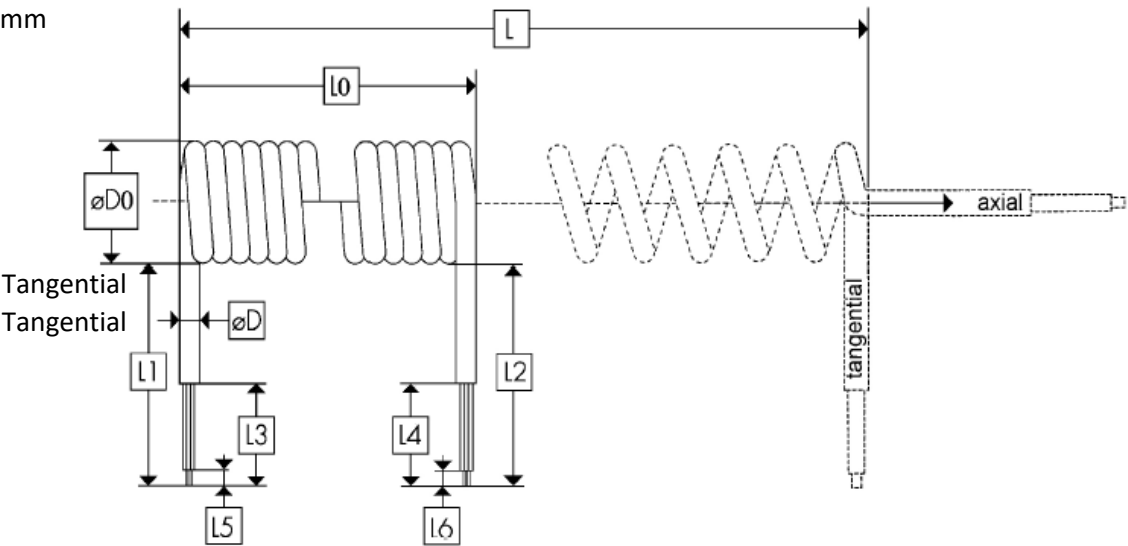
Approvals

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

*Dimensions below in mm

Key to Standard Diagram	
L	6000
L0	1500
ØD	9,2
ØD0	33,4
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances ± 10% unless stated otherwise