

Features

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

RS PRO Spiral Cable TB28 FLEX BQ-F power cable 7G1,00mm², 1.5m / 6.0m Polyurethane (PUR)

RS Stock No.: 327-470



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 05BQ-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 7-core 1.00 mm² tinned copper conductors, the cable delivers dependable electrical performance while offering enhanced resistance to corrosion and mechanical stress. The cable features EPR/EPDM conductor insulation and a robust black polyurethane (PUR) outer sheath that provides excellent resistance to abrasion, wear, and frequent flexing. Its coiled design enables the cable to extend up to 6 m when required and retract when not in use, helping to improve cable management and reduce clutter around equipment and work areas.

This cable is commonly used for connecting movable machinery, automation equipment, control systems, material handling devices, and portable electrical installations where flexibility and durability are essential. Typical applications include industrial production equipment, machinery interfaces, assembly stations, lifting systems, and power supply connections subject to constant movement. Suitable for operation in temperatures ranging from -25°C to +70°C, the cable is designed to provide reliable power transmission and long service life in demanding industrial and commercial environments.

General Specifications

Brand	RS PRO
Product Type	Spiral Cable
Series	TB28 FLEX BQ-F power cable
Number of cores	7
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	Black numbered + Yellow/Green

Mechanical Specifications

Cable diameter	11,30mm
Conductor diameter	2,50mm
Spiral diameter	41,60mm
Retracted spiral cable length	1.5m
Extended spiral cable length	6m
Weight	2.15kg
Extension rate	4

Operation Environment Specifications

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

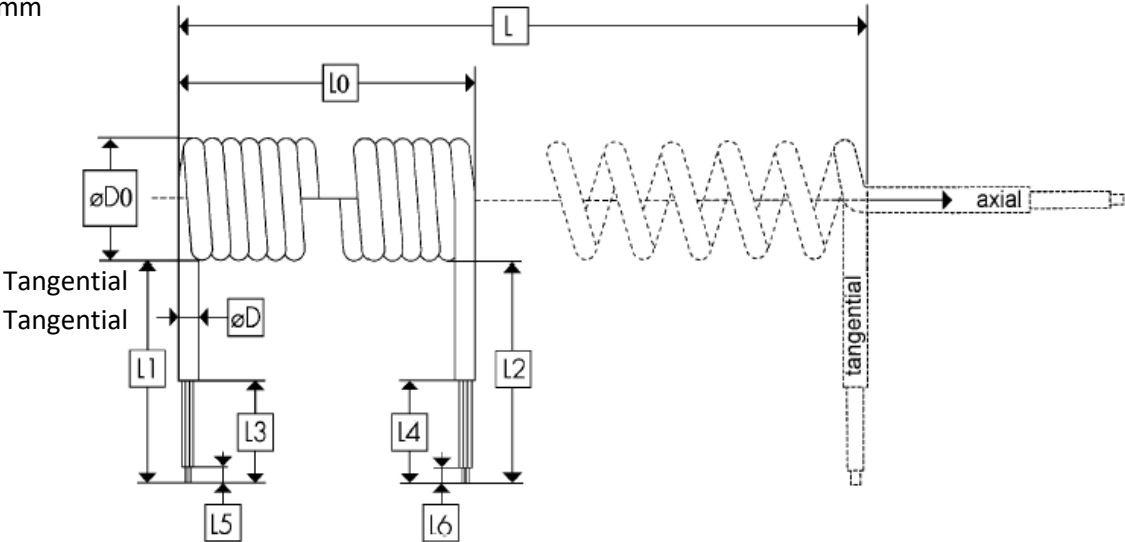
Approvals

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

Dimensional Drawing

*Dimensions below in mm

Key to Standard Diagram	
L	6000
L0	1500
ØD	11,3
ØD0	41,6
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances ± 10% unless stated otherwise