R.K. Instruments & Controls

TECHNICAL DATASHEET

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Ignition Spark Cable Boot — 90° Bakelite Cap Connector (Black)

Brand: R.K. Instruments & Controls | Code/Part No.: 90° Bakelite Cap Connector, Type D | Category: IGNITION SPARES

Specifications

Product Type	**Ignition Spark Cable Boot / Electrode Boot — 90° Bakelite Cap Connector**
Socket Outer Diameter	**22.8mm**
Socket Height	**54.4mm**
Arm Length	**36.6mm**
Arm Diameter	**14mm**
Internal Brass Contact	**Ø10mm (approx.)**
Connector Bore (Cable Core)	**Ø3.0mm (approx.)**
Material	**Bakelite (Phenolic Resin), Black**
Mounting	**Push-Fit, 90° Angled Socket over Electrode Terminal**
Application	**Ignition Cable Termination on Spark Ignition Electrodes — Industrial Gas**
Hazardous Area Rating	**Zone 2, IIA, IIB, T**
Manufacturer	**R.K. Instruments & Controls**



Description

R.K. Instruments & Controls supplies this 90-degree Bakelite Cap Connector (Black), a right-angled ignition spark cable boot / electrode cap used to terminate the ignition cable onto the spark ignition electrode on industrial gas burners. Moulded in black bakelite (phenolic resin) with a straight cable-entry arm and a right-angled socket end, it carries an internal brass spring contact (approx. 10mm dia) that clips onto the electrode terminal stud, and a bore of approx. 3.0mm through the arm for the ignition cable core. Overall socket outer diameter 22.8mm, socket height 54.4mm, arm length 36.6mm, arm diameter 14mm. A standard ignition-circuit spare used across burner and boiler ignition assemblies wherever a 90-degree spark cable boot connection is required. Rated for Zone 2, IIA, IIB, T hazardous areas — certified to operate safely in low-risk explosive gas environments containing the specified gases, under a defined maximum surface temperature limit.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.