

Parker Product Datasheet



Premium quick coupling system with nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar. Coupling system with the largest standard European profile. Available made of brass/steel or stainless steel.

PART NUMBER: 27KBIW21MPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP

PRODUCT OVERVIEW

Parker's 1/2' universal industrial coupling with standard European profile for use with large pneumatic consumers.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Markets:

- Machinery Construction
- Trade

- Automotive
- Life Science
- Process
- Food & Beverage
- Aerospace
- Mobile Hydraulics
- Industrial

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop
- Higher working pressure compared to competitive products
- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer
- Laboratory Gas Supply
- Cooling of Electronic Components
- Food and chemical processing
- Water and coolant lines
- Thermal Management

TECH SPECIFICATIONS

PRODUCT SERIES	Series 27
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Electronics
INDUSTRY	Electronics
MINIMUM OPERATING TEMPERATURE	-20 °C
COMPATIBLE FITTING	Series 27 Plug
INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING PRESSURE	35 bar
WEIGHT	0.1405 kg
CONNECTION SIZE	G 1/2
APPLICATION	Industrial Equipment
INTERCHANGE TYPE	European Profile
LENGTH	56 mm
FOR FLUID TYPE	Water
DIAMETER	10 mm (nominal)
BRAND	Parker
APPLICATION	Energy Management
CONNECTION TYPE	BSPP
INDUSTRY	Transportation
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING PRESSURE	507 psi
FLOW RATE	950 L/min (air)
TECHNOLOGY	Fluid & Gas Handling

QUANTITY PER BOX	5
PRODUCT TYPE	Pneumatic Quick Couplings
FUNCTION	Double Shut-Off
OUTSIDE DIAMETER	27 mm
TECHNOLOGY	Pneumatics
APPLICATION	Automotive
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	NBR
DIVISION	Low Pressure Connectors Europe Division
OPERATION TYPE	Sleeve
APPLICATION	Trucks & Trailers
COUPLING HALF	Coupler
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Food & Beverages
BODY MATERIAL	Brass
HEX SIZE	24 mm
PRODUCT STYLE	Quick Connect
VALVE TYPE	High Flow Valve
CONNECTION TYPE	Female
FOR FLUID TYPE	Coolants
REGION OF ORIGIN	Germany
SLEEVE MATERIAL	Brass
VALVE INCLUDED	Yes
FOR FLUID TYPE	Chemicals
BRAND	Rectus
FLOW RATE	14 L/min (water)
FOR FLUID TYPE	Air & Neutral Gases

