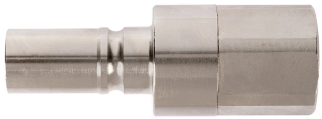
Parker Product Datasheet



Dry break quick coupling system with nominal diameter 6 for fluid and gas handling applications in sensitive environments up to 15 bar. Available made of brass or stainless steel.

PART NUMBER: 206SLIW21MPN
CONNECTION SIZE: G 1/2
COUPLING HALF: Plug
CONNECTION TYPE: Female BSPP
BODY MATERIAL: Brass
FUNCTION: Dry-break

PRODUCT OVERVIEW

Parker's dry break coupling system has been developed for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive media.
This coupling system with single-hand operation has extremely low leakage rates and minimal dead space volume. The design allows absolutely no air pockets when coupling and only a barely noticeable film of the medium being channeled on the valve bodies when uncoupling.

Markets:
- Life Science
- Process
- Electronic Cooling
- Industrial
- Food & Beverage

Features/Benefits:
- Dry break – extremely low dead volume remaining
- Single-handed operation for easy and fast connection
- Ergonomic sleeve shape for easy handling
- Low connecting forces
- Valve body protected by collar design
- Clean, deposit free surface (RZ16)
- High vacuum rating

Applications:
- Laboratory Gas Supply
- Cooling of Electronic Components
- Vacuum Applications
- Food and chemical processing

- Water and coolant lines

- Thermal Management

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick Connect
DIAMETER	6 mm (nominal)
LENGTH	54 mm
TECHNOLOGY	Fluid and Gas Handling
VALVE TYPE	Non-Spill
VALVE INCLUDED	Yes
HEX SIZE	24 mm
FUNCTION	Dry-Break (Double Shut-Off)
OPERATION TYPE	No Sleeve
SEAL MATERIAL	NBR
BODY MATERIAL	Brass

COUPLING HALF	Plug
CONNECTION TYPE	BSPP
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
MAXIMUM OPERATING TEMPERATURE	212 °F
PRODUCT TYPE	Application Based Quick Couplings
WEIGHT	0.079 kg
INDUSTRY	Food & Beverage
APPLICATION	Water and coolant lines
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
SLEEVE MATERIAL	Without Sleeve
FOR FLUID TYPE	chemicals (Paitns, solvents, lubricants)
SLEEVE TYPE	n/a
PRODUCT SERIES	Series 206
INTERCHANGE TYPE	Parker Profile
APPLICATION	Food and chemical processing
MINIMUM OPERATING TEMPERATURE	-20 °C
INDUSTRY	Process
MAXIMUM OPERATING PRESSURE	218 psi
APPLICATION	Cooling of Electronic Components
MAXIMUM OPERATING TEMPERATURE	100 °C
INDUSTRY	Life Science
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Vacuum Applications

COMPATIBLE FITTING	Series 206 Coupler
CONNECTION SIZE	G 1/2
INDUSTRY	Industrial
APPLICATION	Laboratory Gas Supply
BRAND	Rectus
INDUSTRY	Electronic Cooling
APPLICATION	Thermal Management
BRAND	Parker
OUTSIDE DIAMETER	n/a
FLOW RATE	8.9 L/min (water)
CONNECTION TYPE	Female
QUANTITY PER BOX	2.0
REGION OF ORIGIN	Germany
PLATING TYPE	Nickel-Plated
MAXIMUM OPERATING PRESSURE	15 bar