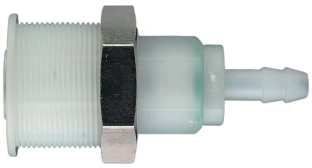
Parker Product Datasheet



Quick coupling system with nominal diameter 5 for fluid handling applications up to 10 bar. Coupling system with the world's most popular profile in this nominal diameter. Available made of thermoplastic - POM or PVDF.

PART NUMBER: 21KBTE06DPX
COUPLING HALF: Coupler
SLEEVE TYPE: n/a
CONNECTION SIZE: 6 MM
CONNECTION TYPE: Panel Mount for Hose Barb for Front Panel Installation
BODY MATERIAL: POM black
COLOR: Standard

PRODUCT OVERVIEW

Parker's Series 21 mini industrial coupling made of plastics POM and PVDF with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. The coupling system is developed for single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two different sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.

Markets:
- Machinery Construction
- Automotive
- Life Science

- Process

Features/Benefits:
- Splash proof design - Plug is sealing prior to opening the valve.
- Available with straight or ergonomic sleeve for easy handling with gloves
- No mix-ups between media due to the color coding of coupling and plug
- Available as panel mount version (push pull version for integration into switching cabinet)
- Single-hand operation for easy and fast connection

Applications:
- Food and chemical processing
- Bio fluid transfer

TECH SPECIFICATIONS

BRAND	Rectus
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
BRAND	Parker
CONNECTION SIZE	6 mm
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FLOW RATE	310 L/min (air)
PRODUCT SERIES	Series 21 Thermoplastic
DIAMETER	5 mm (nominal)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
INDUSTRY	Industrial manufacturing equipment
WEIGHT	0.024 kg
OUTSIDE DIAMETER	28 mm
FUNCTION	Double Shut-Off
HEX SIZE	17 mm
MAXIMUM OPERATING PRESSURE	145 psi

HOSE INSIDE DIAMETER	6 mm
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Pneumatic
COMPATIBLE FITTING	Series 21 - Thermoplastic Plug
OPERATION TYPE	Sleeve
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
MINIMUM OPERATING TEMPERATURE	-20 °C
SEAL MATERIAL	NBR
VALVE TYPE	Standard Valve
APPLICATION	Media Transfer
MAXIMUM OPERATING PRESSURE	10 bar
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	5.0
PLATING TYPE	Without Surface Treatment
COLOR	Standard
MAXIMUM OPERATING TEMPERATURE	176 °F
COUPLING HALF	Coupler
SLEEVE MATERIAL	POM
APPLICATION	Suction / Vacuum
LENGTH	60 mm
INTERCHANGE TYPE	European Profile
FLOW RATE	2.7 L/min (water)
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
PRODUCT STYLE	Quick-Connect
BODY MATERIAL	POM Black

PRODUCT TYPE	Pneumatic Quick Couplings
MAXIMUM OPERATING TEMPERATURE	80 °C
REGION OF ORIGIN	Germany
SLEEVE TYPE	Cylindrical Sleeve
CONNECTION TYPE	Hose Barb Front Panel Installation, Panel Mount
MINIMUM OPERATING TEMPERATURE	-4 °F