

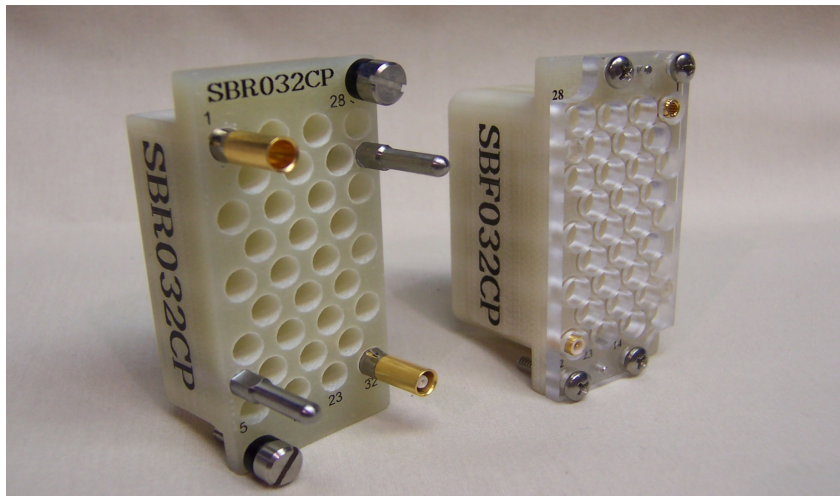
H+W TEST PRODUCTS

58 INDUSTRIAL COURT SEEKONK, MA 02771 www.hwtestproducts.com Tel. 508-336-3200 Fax. 508-336-6855

32 Position Mini-Contacts 1 Ghz Coax / 50 Amp Power

SBR032CP (Receiver Side)

SBF032CP (ITA-Fixture Side)



Images shown with both
Coax and Power contacts
installed, just for visual
reference.
Contacts ordered separately
and shipped loose.

Description: This SB(X)032CP Block series provides for 32 mini-coax, power contacts or a combination of both. The mini-coax (crimp type) contacts provide for signals up to 1 Ghz. The power contacts (solder type) provide for current ratings up to 50 Amps and voltages up to 250 Vac. These Blocks can be modified to be compatible with PYLON/1280pt Receivers (**consult factory**).

Specifications

Electrical specifications are for mated (receiver with fixture) contact pairs

COAX Contacts

Voltage rating.....250 Vac
Current rating.....500 milli-Amps
Contact resistance......5 milli-Ohms
Impedance......50 Ohms
Capacitance......21 pF
Inductance......3 nH
Frequency Range.....DC to 1 Ghz
Bandwidth (-3 db Roll Off).....1 Ghz
Durability.....25,000 cycles

POWER Contacts

Voltage rating.....250 Vac
Current rating.....50 Amps
Contact resistance......6 milli-Ohms
Capacitance......21 pF
Inductance......3 nH
Bandwidth (-3 db Roll Off).....1 Khz
Durability.....25,000 cycles

G-10 BLOCK Material

Block dimensions (inch).....2.345 H x 1.115 W
Max operating temperature (typical).....266°F/130°C
Dielectric strength per ASTM D 149.....510 Volts/mil
Dielectric constant (100hz - 10,000mhz).....4.40 to 4.80
Surface resistivity (ohms/sq. in) @95% relative humidity...
..... > 10¹²
Dissipation factor @ 1mhz per ASTM D150.....0.019
Permittivity @ 1mhz per ASTM D150.....4.6
Dielectric breakdown per ASTM D 149 per 1/16" matl.....
..... > 40 kv
Coefficient of linear expansion(in. / °C).....length 1.0 x 10⁻⁵
.....crosswise 1.5 x 10⁻⁵

Receiver Side Ordering Information

Blocks and contacts are sold separately

	Part Number
Block only (includes all hardware)	SBR032CP
Contact only, 50 Ohms coax	CPR032CX
Contact only, mini-power	CPR032PW

(ITA)Fixture Side Ordering Information

Blocks and contacts are sold separately

	Part Number
Block only (includes all hardware).....	SBF032CP
Contact only, 50 Ohms coax	CPF032CX
Contact only, mini power	CPF032PW