

H+W TEST PRODUCTS

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

SBR024CP (Receiver Side)

SBF024CP (ITA-Fixture Side)

*Photo Unavailable at this time
Same contacts as 32 Position Block*

Description: This **SB(X)024CP** Block series provides for 24 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

Block only (includes all hardware) Part Number **SBR024CP**
Contact only, 50 Ohms coax **CPR024CX**
Contact only, mini-power 50 Amp **CPR024PW**

(ITA) Fixture Side Ordering Information

Blocks and contacts are sold separately

Block only (includes all hardware)..... Part Number **SBF024CP**
Contact only, 50 Ohms coax **CPF024CX**
Contact only, mini-power 50 Amp **CPF024PW**