



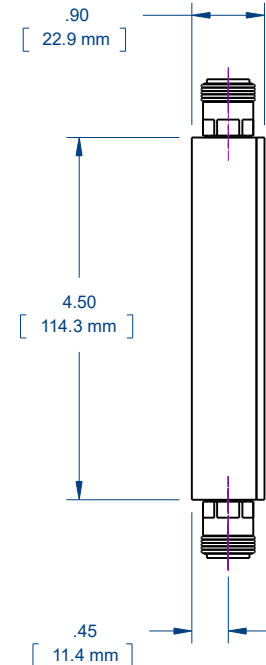
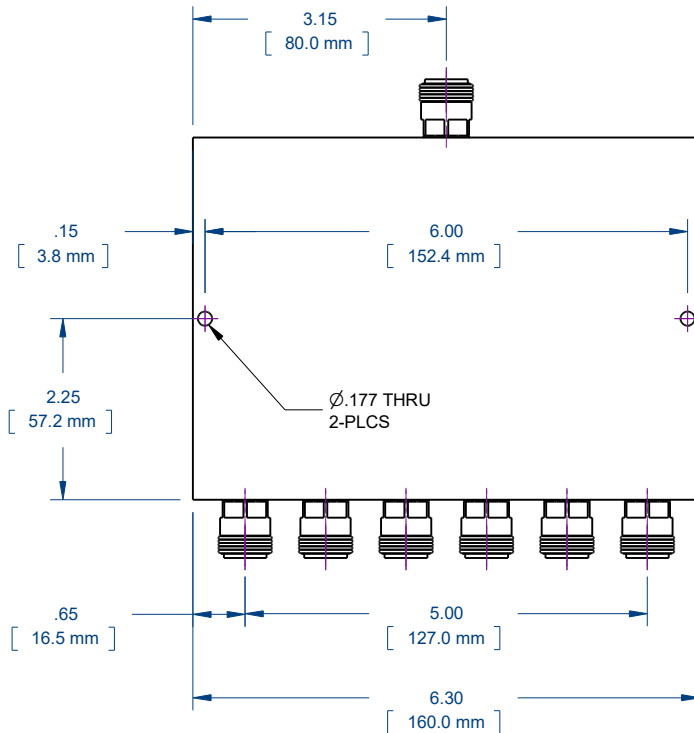
## Model WMPD06-1.5-4-X-A1 Power Divider

6-way Microstrip, 1.5-4 GHz, N or SMA-Female, IP67-Design

RoHS  
Compliant

### PART NUMBERING SYSTEM

|            |                   |
|------------|-------------------|
| Connectors | IP67-Design       |
| SMA-Female | WMPD06-1.5-4-S-A1 |
| N-Female   | WMPD06-1.5-4-N-A1 |



| Specifications                   | Min | Typ  | Max | Unit |
|----------------------------------|-----|------|-----|------|
| Frequency Range                  | 1.5 |      | 4   | GHz  |
| Impedance                        |     | 50   |     | Ohms |
| Insertion Loss (above 7.78 dB)   |     | 1.1  | 1.7 | dB   |
| Amplitude Unbalance              |     | 0.2  | 0.5 | dB   |
| Phase Unbalance                  |     | 2    | 4   | deg  |
| Isolation                        | 18  | 26   |     | dB   |
| Common Port VSWR                 |     | 1.25 | 1.6 | :1   |
| Split Ports VSWR                 |     | 1.2  | 1.5 | :1   |
| Input Power as Coherent Splitter |     |      | 20  | W    |
| Operating Temperature            | -40 |      | +65 | °C   |

Operating Environment:  
 IP-67 Design.  
 Relative Humidity less than 90%, non-condensing.  
 Power rating for load VSWR 1.20:1 max.

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 [mm] SHOWN FOR CONVENIENCE  
 TOLERANCES ON:  
 2 PL DECIMALS: ± .03  
 3 PL DECIMALS: ± .015  
 ANGLES: ± 1°

Housing Material: Aluminum Alloy 6061  
 Cover Material: Aluminum Alloy 5052  
 Finish:  
 Silver Plate QQ-S-365  
 Grey Paint  
 Connectors  
 Body Material: Stainless Steel  
 Insulators: PTFE  
 Contact Socket: Beryllium Bronze with Gold Plating  
 Solder Alloys Used:  
 Sn 96.5, Ag 3.0, Cu 0.5

REPLACES P/N WMPD06-1.5-4-N-(IP67)-R  
 Request Product Change Notice PCN-1003.

| REV | DESCRIPTION            | DATE       | APPROVED |
|-----|------------------------|------------|----------|
| 0   | Engineering re-design. | 12-15-2017 | ETW      |

Specifications subject to change without notice.  
 This document shall not form part of a contract.

|                  |                    |                                    |           |
|------------------|--------------------|------------------------------------|-----------|
| SIZE<br><b>A</b> | CAGE CODE<br>78YZ0 | DRWG NO.<br>SPEC-WMPD06-1.5-4-X-A1 | REV.<br>0 |
| SCALE 1 : N/A    |                    | SHEET                              |           |