

Features

- Most user friendly RF Cable Builder application in the market
- Choose from a variety of in-stock standard connector series and cable types with length up to 99"
- Over 125 connector and cable combinations available
- Simple part number configuration (see reverse)
- Instantly view pricing, mechanical/electrical specifications and data drawings
- Mobile compatible with android/iOS

Applications

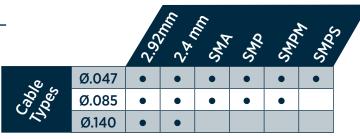
- Prototype builds
- Military / Aerospace
- Broadband

Benefits

- Cables ship in 5 days
- Online order placement (credit card or PO)
- Application available 24 hours a day



Telecommunications



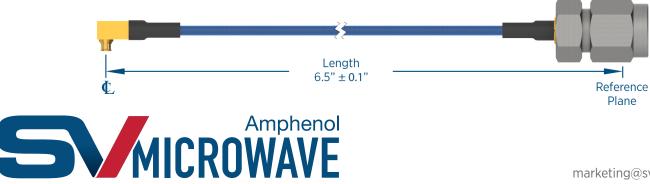
Connector Selections



Example:

SMPS R/A Female to 2.92mm Male 6.5" Cable Assembly for Ø.047 Cable

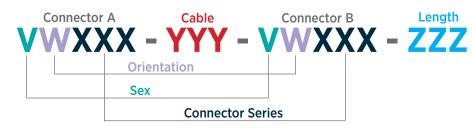
Part Number: FRSMPS-047-MS292-065





RF Cable Builder

Rapid Response Cable Assemblies P/N Builder



- **Step 1:** Select Connector A Sex
- **Step 2:** Select Connector A Orientation
- **Step 3:** Select Connector A Series
- **Step 4:** Select Cable Type

- **Step 5:** Select Connector B Sex
- **Step 6:** Select Connector B Orientation
- Step 7: Select Connector B Series
- **Step 8:** Specify Cable Length (in inches)

| Connector 1 | | | Cable | Connector 2 | | | |
|-------------|-------------|--------|--------|-------------|-------------|--------|--------|
| Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 |
| Sex | Orientation | Series | Cable | Sex | Orientation | Series | Length |
| F | R | SMPS | 047 | M | S | 292 | 065 |

| Steps 1 & 5 Sex | | | Steps 2 & 6 Orientation | | | |
|--------------------|---|--|----------------------------|---|--|--|
| Male | Μ | | Straight | S | | |
| Female | F | | Right Angle | R | | |

| Steps 3 & 7 Series | | | | |
|-----------------------|------|--|--|--|
| SMA | SMA | | | |
| SMP | SMP | | | |
| SMPM | SMPM | | | |
| SMPS | SMPS | | | |
| 2.92 mm | 292 | | | |
| 2.4 mm | 24 | | | |

| Step 4 Cable | | | | | | |
|------------------------|-----|--|--|--|--|--|
| Ø.047 Cable | 047 | | | | | |
| Ø.085 Cable | 085 | | | | | |
| Ø.140 Cable 140 | | | | | | |

| Step 8 Length | | | | | | | |
|-------------------------|-------|-----|-------|-----|--|--|--|
| Cable | Μ | in | Max | | | | |
| .047 | 3.0" | 030 | 99.0" | 990 | | | |
| .085 | 6.0" | 060 | 99.0" | 990 | | | |
| .140 | 12.0" | 120 | 99.0" | 990 | | | |

Example:

| Part Number | FRSMPS - 047 - MS292 - 065 |
|-------------|--|
| Description | Female Right Angle SMPS to Male Straight |
| | 2.92mm 6.5" Cable Assembly for Ø.047 cable |



Cable Options per Series

| | | Connector 2 | | | | | | | |
|--------------------|---------|-------------|------|-------|-----|-----|------|------|---|
| | | Cable | دو.> | 2.4 m | SMA | SMD | SMDA | SMDC | ? |
| | | .047 | • | • | • | • | • | • | |
| | 2.92 mm | .085 | • | • | • | • | • | | |
| | | .140 | • | • | | | | | |
| | 2.4 mm | .047 | • | • | • | • | • | • | |
| - | | .085 | • | • | • | • | • | | |
| tor | | .140 | • | • | | | | | |
| Connector 1 | SMA | .047 | • | • | • | • | • | • | |
| oni | JHA | .085 | • | • | • | • | • | | |
| C | SMP | .047 | • | • | • | • | • | • | |
| | | .085 | • | • | • | • | • | | |
| | CMDM | .047 | • | • | • | • | • | • | |
| | SMPM | .085 | • | ٠ | • | • | • | | |
| | SMPS | .047 | • | • | • | • | • | • | |

Cable Tolerances

| Cable | Length Tolerance (Min - 12") | Length Tolerance (12" - Max) | Min Length Increments | |
|-------|------------------------------------|------------------------------------|--------------------------|--|
| .047 | ± 0.1" | ± 0.5" | 0.1" | |
| .085 | ± 0.1" | ± 0.5" | 0.1" | |
| .140 | N/A | ± 0.5" | 0.1" | |

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