

UBCS PIMD CABLE ASSEMBLIES

PIMD cable assemblies of UBCS Co., Ltd. are mainly used in R&D center that require precise measurement.

UBCS Co., Ltd. which has custom development and production capabilities to meet client's desired connect or specifications and cable specifications, provides excellent quality technology in the field of test and measurement.



PRODUCT INTRODUCTION

PIMD CABLE ASSEMBLY

UBCS Co., Ltd.'s PIMD Cable assemblies are mainly used in R&D center that require precise measurement.



Features

- Exceptional Performance.
- Excellent Mechanical Stability and Durability.
- Available for any cable length with various connector combinations.
- Low VSWR.

Specifications

Cable Type		3/8" Super Flexible
Frequency Range Up To		DC ~ 4 GHz
Insertion Loss		$[(\text{Cable loss} + 0.1) \times \sqrt{f(\text{GHz})}] \times 1.15$
VSWR		1.2:1 max.
PIMD	3rd Order IM Product @2 x 43dBm	Static: $\leq -165\text{dBc}$
		Dynamic: $\leq -165\text{dBc}$
	5rd Order IM Product @2 x 43dBm	Static: $\leq -170\text{dBc}$
		Dynamic: $\leq -170\text{dBc}$
Cable Length		Custom Made
Impedance		$50\Omega \pm 5\Omega$
Operating Temperature		$-40\text{ }^\circ\text{C} \sim +70\text{ }^\circ\text{C}$
Waterproof (Protection Class)		IP67
Connector Type (Custom Made)		N Male Straight (A)
		N Male Straight (B)
		4.3-10 Male Straight (A)
		4.3-10 Male Straight (B)
		7-16 DIN Male Straight (B)
		7-16 DIN Male Straight (A)
		4.1-9.5 Male Straight (A)
		4.1-9.5 Male Straight (B)

Drawing



**UBCS CREATIVE NEW VALUE WITH
NUMBERLESS CHALLENGES**