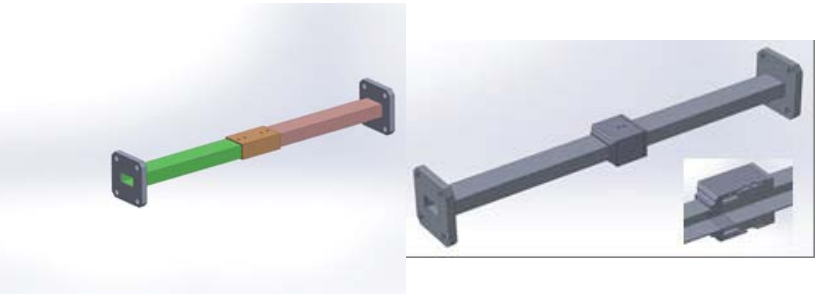


<b>Activity Title:</b>	<i>Screw-less Joining and Flange-less Telecommunication Hardware</i>		
<b>Contract type</b>	<b>ARTES 5.1</b>	<b>Budget (k€)</b>	<b>250kEuro</b>
<b>Company (-ies)</b> <i>(including country)</i>	BAE Systems Applied Intelligence, UK The Welding Institute, UK Airbus Defence and Space, UK		
<b>Team</b> <i>(name of the participants in the project)</i>	Tom Plucinski, BAE Systems Applied Intelligence Richard Harper, BAE Systems Applied Intelligence Chris Allen, The Welding Institute Farshad Salamat-Zadeh, The Welding Institute Steve McLaren, Airbus Defence and Space		
<b>(*) Speaker (s)</b>	Richard Harper; Tom Plucinski	<b>Email</b>	Richard.harper@baesystems.com; tom.plucinski@baesystems.com
<b>Short Speaker Information</b> <i>(experience and involvement in this project – maximum 60 words)</i>	<p>Richard Harper is a Principal Research Engineer at BAE Systems Applied Intelligence Laboratories. Richard has over 25 years' experience in passive microwave engineering. Richard's speciality is the design and manufacture of microwave rotating joints and switches for space applications, including projects such as Bepi-Colombo and Rosetta.</p> <p>Tom Plucinski is the Leader of the Mechanical Engineering Group at BAE Systems Applied Intelligence Laboratories. He has been involved in and managed a wide range of projects in the aerospace domain, including microwave components for space and terrestrial applications.</p>		
<b>Summary of the activity</b> <i>(maximum 400 words and 2 pictures)</i>	<p>The objectives of the project are to assess and select manufacturing and joining technologies novel to R.F. passive space components in order to reduce mass, manufacturing, and Assembly Integration and Test (AIT) complexity.</p> <p>The project involved building demonstrators employing the selected technologies to quantify the improvements with respect to the current state of the art.</p>		
			

(\*) The speaker needs to do the registration through this website