

Bulgin extends its range of circular data connectors for rugged conditions

[Bulgin](#) – a leading manufacturer of environmentally sealed connectors and components – has recently announced three additions to its [Data Buccaneer](#) range of IP rated circular connectors. The company's latest products – Standard Buccaneer Cat 8, Standard Buccaneer USB 3.0 and Standard Buccaneer HDMI – are designed to ensure reliable data transmission for a range of applications, from industrial automation and construction to outdoor surveillance and renewable energy installations.

These latest connectors have a rating of up to IP69K when mated, and are available in multiple cable lengths and mounting options, while offering significant enhancements from previous models. For example, the Cat 8 has data transfer rates of up to 25 GB per second – 2.5 times faster than the Cat 6a equivalent – while the USB 3.0 offers transfer speeds of up to 5 GB per second, which is 10 times faster than the USB 2.0. Furthermore, the USB 3.0 has a two-way transmission capability that ensures simultaneous data flow in both directions, resulting in a theoretical 10-fold increase in bandwidth. Finally, the HDMI features HDMI 2.1 performance and an operating temperature range of -25 to +80 °C, making it ideal for outdoor applications such as broadcasting sporting events.



Thisen Bird, Associate Product Manager at Bulgin, explained: “The Data Buccaneer range is well-renowned in the industry for its durability and reliability in harsh environments. We’re proud to add these latest products to the portfolio, which will help a wide range of sectors – including wind and solar energy applications – prevent the ingress of dust and water from disrupting crucial data connections to protect vital network infrastructures.”

To learn more about the Data Buccaneer range, visit www.bulgin.com/circular-data-connectors.