

Triaxial Camera Cables Pathfinder

General Information to construction and application of **Draka Multimedia Cable** Triaxial Camera Cables

Triaxial Camera Cables for studio and OB-Van application

Triax 8 – Camera Cable for studio and OB-Van application with PU and special PVC-sheath versions

Triax 11 – Camera Cable for studio and OB-Van application with PU and special PVC-sheath versions

Triax 11 – Camera Cable for OB-Van application with reinforced PU sheath

Triax 14 – Camera Cable for OB-Van application with PU, special PVC-and PE-sheath versions for long distances

High flexible Triflex Camera Cables for studio, OB-Van- and portable camera application

High flexible Triflex 8 – Camera Cable for studio, OB-Van- and portable camera application with PU and special PVC-sheath versions

High flexible Triflex 11 – Camera Cable for studio, OB-Van- and portable camera application with PU and special PVC-sheath versions

Construction of the Triaxial Camera Cables

Electrical Properties of the Triaxial Camera Cables

Overview of the technical data

Terminated Triax Cables with Fischer, Damar & Hagen and Lemo connectors

General Information

Triax Cables

Triax 8

Triax 11

Triax 11/1

Triax 14

Triflex Cables

Triflex 8

Triflex 11

Construction

Electrical Properties

Technical Data

Terminated Triax Cables

Triaxial Camera Cables General Information

Application and properties

Football or Formula 1, broadcasting of open air concerts or theatre premieres - camera pictures nowadays supply top events free destination. Whether the quality will be impressive, is, amongst others, also depending on the applied camera cables. They are responsible for electrical connections between camera control unit and camera amplifier. In professional studio technique, Triaxial camera cables are being used for transmission of power and multiplex picture signals at the same time.

In triaxial technique, inner- and outer-conductor will take the overall signal, containing all signals like picture, sound, pilot, synchron and power supply. The outer screen is only applied as protection conductor. Within the further connected electronic equipment, the signal is decoded and spread into single signals.

With the cable series Triax and Triflex, **Draka Multimedia Cable** offers high performance and resistant cables for mobile camera applications. For fixed installation of Triax cables within studios, we recommend the FRNC-sheath version.

Triax Standard - The Allrounder

The proven product family Triax convinces with advantages like best transmission quality due to low attenuation at low DC - resistance, as well as minimum weight and long life time.

The Triax construction consists of silvered solid or stranded wire conductor, a low attenuation physical cellular PE - insulation, a silvered electrical outer conductor braid of high optical coverage, 0,7 mm solid PE intermediate insulation, bare protection braid, a Polyester web wrapping and a cold resistant PVC - protection sheath.

PU -Version - Even More Robust

Triax camera cables with Polyurethane outer sheath (PUR) are especially designed for extreme mechanical use. The material is especially abrasion and notch resistant. The PUR -version is available in the same dimensions as the standard cable or with a larger sheath thickness as reinforced construction.

Triflex - Flexible and Versatile

Ideal for mobile cameras and regular use in outside broadcasting vans: our Triflex camera cables. They are extremely flexible and robustness. This is ensured by, for example fine stranded wire inner conductor, in connection with a special rubber mixture in between the braids, combined with a high flexible PVC - outer sheath, alternatively also available with high abrasion resistant PUR - sheath. Moreover, Triflex camera cables are compatible in dimensions with the standard cables and connectors being applied so far.

Unlimited Connection Technique

Draka Multimedia Cable' triaxial camera cables are suitable for all common camera systems. At request, we supply assembled camera cables with crimp technique, triaxial connectors and low contact resistances. Our close connections to experienced triaxial connector manufacturers like Damar & Hagen, Fischer and LEMO as well as assemblers guarantees shortest delivery times and fast availability.