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Acuter 10x42 ED is a beautiful nature binoculars with classic natural parameters, in which all the best binocular technologies have been applied. • ED lenses - low-dispersion glass, excellent color reproduction and no color falsifications • phase coverage of prisms for high roof transmission • anti-reflective layers: FMC, fully coated optics, very high quality layers • very wide field of view - up to 6 ° / 105 m / 1000 m • optical system with field flattener correction • waterproof and nitrogen-filled construction • metal, solid construction • central focusing with the lock of the correction position on the right eyepiece • large offset of the exit pupil and adjustable rotary shells of the click-stop type - also recommended for people wearing glasses Technical parameters • magnification: 10x • Lens diameter: 42 mm • Blow diameter: 4.2 mm • linear field of view at 1000 m: 105 m • angled field of view: 6 ° • Twilight efficiency 20.5 • relative brightness: 17.6 • minimum distance of acute vision: 2 m • eye / pupil adjustment range (IPD): 59 - 77 mm • lenses: elements of low dispersion glass ED (Extra-Low Dispersion) • wide-angle eyepieces, LER (Long Eye Relief), 60-degree field of view • field correction equalizer: YES (Field Flattener) • roof prisms • prism material: BaK-4• prism coatings: phase-coatings • lens coatings: FMC (Fully-Multi-Coated) • Dioptre adjustment: central, internal, right track adjustment • nitrogen filling: YES • dimensions: 165 x 115 x 53 mm • weight: 890 g / 1150 g with case and caps Warranty 2 years